

### **INDIA NON JUDICIAL** Government of Bihar e-Stamp



SHCIL (FI)/ brshcil01/ PATNA/ BR-PAT/ PTC **Account Reference** SUBIN-BRBRSHCIL0104099262034437R Unique Doc. Reference

SONBHADRA CONSTRUCTION Purchased by

Not Applicable **Description of Document** Not Applicable **Property Description** Consideration Price (Rs.) : 0 (Zero)

Not Applicable First Party

SONBHADRA CONSTRUCTION Second Party SONBHADRA CONSTRUCTION Stamp Duty Paid By

: 1,000(One Thousand only) Stamp Duty Paid (Rs.)

0 (Zero) Reg. fee (Rs.) : 0 (Zero) LLR & P Fee (Rs.) : 0 (Zero) Miscellaneous Fee (Rs.) Discore SC (Rs.) : 0 (Zero)

1,000 (One Thousand only) Total Amount (Rs.)



Name of Work "Renovation and Furnishing work of Guest House Building

of BSEB Headquarter, Patna in the State of Bihar?

(Sl. No. - 02)

Name of Agency Sonbhadra Construction.,

Date of Commencement 28-02-2019 Time of completion Six Months

**BOQ** Amount Rs. 86,93,786/- (Part-A) + Quoted Item Rate Basis By

Tenderer (Part-B)

Agreement Value Rs. 96,75,807/- (Part-A @ 10.00% below BOQ rates

& Part-B @ Item rate Basis)

Earnest Money

Performance Security Rs. 4,95,000/- (Details attached)

This agreement, made the 27th June ....., 2019 between Bihar State Educational Infrastructure Development Corporation Ltd. Patna. Hereinafter called the Employer of the first part and Sonbhadra Construction, Flat No.-402, Fourth Floor, Yamuna Block, Jalalpur City, Patna, Bihar hereinafter called "the Contractor of the other part".

Sonbhadra Constructio

Anil Kumakohama 27.06.19

..... Do not write or type below this line ....

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The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.

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"The contents of this certificate can be verified and authenticated world-wide by any members of the public at www.shcilestamp.com or at any Authorised collection center address displayed at www.shcilestamp.com free of cost."

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Whereas the Employer's is desirous that the Contractor execute "Renovation and Furnishing work of Guest House Building of BSEB Headquarter, Patna hereinafter called "the work" and the Employer has accepted the Bid by the Contractor for the execution of such work and the remedying of any defects therein, at a cost of Rs. 96,75,807/- (Rupees Ninety Six Lacs Seventy Five Thousand Eight Hundred Seven Only)

Sonbhadra Construction

Anil Kumar shama Proprietor Chief Eng near
B.S.E.I.D.C. Ltd, Patna
276

#### NOW THIS AGREEMENT WITNESSETH as follows:

- 1. In this Agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
- 2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
- 3. The Employer hereby covenants to pay the Contractor in consideration of the Execution and completion of the works and the remedying the defects wherein contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the contract.
- 4. The following documents shall be deemed to form and be ready and construed as part of this Agreement Viz.
  - i) Letter of Acceptance
  - ii) Notice to proceed with the work.
  - iii) Contractor's Bid
  - iv) Condition of Contract: General and Special
  - v) Contract Data
  - vi) Additional Condition
  - vii) Drawing
  - viii) Bill of Quantities and
  - ix) Any other documents listed in the Contract Data as forming part of the contract.

In witnessed whereof the parties there to have caused this Agreement to be executed the day and year first before written.

| The common Seal of                       |
|--|
| was hereunto affixed in the presence of: |
| Signed, Sealed and Delivery by the Said  |
|  |
| In the Presence of:                      |
| Binding Signature of Employer            |
|  |
| Binding Signature of Contractor.         |
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Proprietor

Chief Eng near

B.S.E.I.D.C. Ltd, Patria

|       |            | S AGREEMENT WITNESSETH as follows:  |
|-------|------------|---|
|       |            | is Agreement, words and expression shall have the same meaning as are respectively assigned to conditions of couract hereinafter referred to and they shall be deemed to form and be read as part of this Agreement.  |
|       | ntioned, 1 | insideration of the payments to be made by the Employer to the Couractor as hereinafter her Connactor hereby covenants with the Employer to execute and complete the works and defects therein in conformity in all aspects with the provisions of the centract                 |
|       |            | Employer hereby covenants to pay the Contractor in consideration of the Execution and if the works and the remedying the defects wherein contract Price or such other sum as may also the under the provisions of the Contract at the times and in the manner preser-hed by the |
|       |            | following documents shall be deemed to form and be ready and construed as part of this ament Viz.   |
|       |            | Letter of Acceptance  |
|       | (ii        | Notice to proceed with the work.  |
|       |            |   |
|       |            |   |
|       | (V         | Contract Data   |
|       |            |   |
|       |            |   |
|       | (IIII)     | Bill of Quantities and  |
|       |            | Any other documents listed in the Contract Data as forming part of the contract.  |
|       |            | whereof the parties there to have caused this Agreement to be executed the day and year first   |
|       |            |   |
|       |            | affixed in the presence of;   |
|       |            | ed and Delivery by the Said   |
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## **Performance Security**

Name of Agency:- "Sonbhadra Construction"

 $\frac{Performance\ Security\ of\ Regarding\ "\ Renovation\ of\ Guest\ House\ Building\ at\ BSEB}{Office\ ,\ Patna\ (NIT-92/18-19)"}$ 

| NSC/ P.book | DOI      |        | <u>AMOUNT</u> |
|-------------|----------|--------|---------------|
| 30797011    | 22.12.15 |        | 1,60,000.00   |
| 3763358074  | 13.19.17 |        | 1,00,000.00   |
| 3463553885  | 28.12.16 | · · ·  | 1,45,000.00   |
| 3277113008  | 19.05.16 |        | 90,000.00     |
|             |          | Total- | 4,95,000.00   |

(Rupees Four Ninety Five Thousand Only)

And respond

लेखा पदाधिकारी बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि०, पटना

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Sonbhadra Construction

And Kumar Sharma Proprietor Chief Eng neer

B.S.E.I.D.C. Ltd, Patria

लेखा प्रस्तितिस्परी विश्वार मध्या मेसविक आधारमूच सरकार विकास निम्म सिंह: पटना

William Bridge

Sonbhadra Continue



# बिहार राज्य शेक्षणिक आधारभूत संरचना विकास निगम लिमिटेड BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(A Govt. of Bihar Undertaking) ISO 9001:14001; OHSAS 18001

Shiksha Bhawan, Bihar Rashtrabhasha Parishad Campus, Acharya Shivpujan Sahay Path, Saidpur, Patna - 800 004 Tel. No.: 0612 - 2660850 • Fax No.: 0612 - 2660256

E-mail: bseidc@gmail.com • Website: http://www.bseidc.in • CIN: U80301BR2010SGC015859

### Letter of Acceptance

Letter no :- BSEIDC/FIN/3523/2018-19/-

1307

Date 28.02.2019

To,

Sonbhadra Construction

Flat No. 402, Forth Floor, Yamuna Block, Jalalpurcity, Patna

Dear Sir,

This is to notify you that your Bid dt. 30.01.2019 for execution of "Renovation of Guest House Building at BSEB Office, Patna (निविदा आमंत्रण सूचना संo—92/2018-19, Sl. N0.-02) in the State of Bihar" has been accepted by the Corporation at your quoted rate of 10.00% (Ten Decimal Zero Zero Percent) below from Estimated rates for Part A i.e. Rs 78,24,407.40/- and for Part B (Item rates) of Rs. 18,51,400/- amounting to total contract price (Part A + Part B) of Rs.96,75,807.40=00 (Rs. Ninety Six Lacs Seventy Five Thousand Eight Hundred Seven & Forty Paise Only).

You are hereby requested to furnish performance security including additional security in the form detailed in I.T.B. para 31.1, 27.4 and clarification issued thereon by RCD, Govt. of Bihar, vide letter no. 3376 (E) dt. 17.08.2010, for an amount equivalent to **Rs. 4,87,000=00** (**Rs. Four Lacs Eighty Seven Thousand Only**) within ten days of receipt of this letter of acceptance valid upto 28 days from the date of expiry of defects liability period and sign the contract, failing which action as stated in Para 31.3 of ITB will be taken.

In the interest of the work, you are instructed to proceed with the execution of the said work in consultation with concerned Engineer-in-charge with immediate effect. The date of start of this work will be the date of issue of this letter. The agreement will be executed after verification of performance Security and Registration in appropriate category in this Corporation.

Yours faithfully

M3 28 0

Memo no: BSEIDC/FIN/3523/2018-19/-

1307

Date: 28.102.2019

Copy forwarded to: Sri Pankaj Kumar Singh, Computer Programmer for uploading on BSEIDC website/Senior Account Officer /All Superintending Engineer/All Executive Engineer, BSEIDC for information & necessary action

Received and Sonohadra Construction

Ani) mama/slarma
Proprietor

Chief Engineer

Chief Engineer

Chief Engineer

B.S.E.I.D.C. Ltd, Patro

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be the interest of the word, you medialized to pieceed with the execusion of home in execusion is exacusion with amore and Engineer/Inschorge with franching officer. The value of the wolf will be executed with the observation of the executed with the executed with the executed with the executed with the execution and Registration in appropriate real gery to the University.

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### BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

BOQ for Renovation of Guest House Building at BSEB Office, Patna

It is mandatory to fill and upload Percentage rate (PART-A) and Item rate (PART-B) of the financial bid as per Format given

PART A (Items on Schedule Rate, for which tenderer have to quote rates on % above/below basis)

Rate based on BCD SOR 2018 effective from 27.09.2018 & BCD ELE 2018 effective from 27.09.2018

| S.No. | Item<br>Code | DESCRIPTION   | Quantity | Unit  | Rate   | Amount  |
|-------|--------------|---|----------|-------|--------|---|
|       |              | Part-A (Percentage  | Rate)    |       |        |   |
| 1     | 15.56        | Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.                           | 4,498.36 | Sqmt. | 17.90  | Rupees<br>seventeen &<br>paise ninety<br>only.      |
| 2     | 13.11.2      | 12 mm cement plaster of mix: 1:4(1 cement :4 coarse sand)   | 2,293.91 | Sqmt. | 139.90 | Rupees one hundred thirty nine & paise ninety only. |
| 3     | 13.13.2      | 20 mm cement plaster of mix; 1:4(1 cement :4 coarse sand)   | 1,391.63 | Sqmt. | 194.30 | Rupees one hundred ninety four & paise thirty only. |
| 4     | 13.24.1      | 6 mm cement plaster to ceiling of mix: 1:3(1 cement: 3 coarse sand)   | 812.82   | Sqmt. | 117.80 | Rupees one hundred seventeen & paise eighty only.   |
| 5     | 13.80<br>A.2 | Providing and applying white cement based putty of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. | 4,498.36 | Sqmt. | 117.60 | Rupees one hundred seventeen & paise sixty only     |
| 6     | 13.77.2      | Distempering with oil bound washa ble distemper of approved brand and manufacture to give an even shade.  New work (two or more coats) over and including priming coat with cement primer       | 3,685.54 | Sqmt. | 83.10  | Rupees eighty<br>three & paise<br>ten only.         |

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BIHAR STATE EDUCATIONAL INPRASTRUCTURE DEVELOPMENT CORPORATION LTD

BOQ for Renovation of Guest House Building at BSER Office, Parms

It is mandatory to fill and upload Percentage rate (PART-A) and Item rate (PART-B) of the financial bid as per Format given

PART A (Items on Schedule Rate, for which tenderer have to quote rates on % above/below basis)

Hale based on MCD SOR 2019 effective from 27.09.2018 & BCD ELE 2018 effective from 27.09.2018

|  |        |      |          |   | trent<br>Cede |    |
|--|--------|------|----------|---|---------------|----|
|  |        |      |          | Part-A (Percentage  |               |    |
|  | 17.90  | Sqml | 4,498.36 | Dismanting old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead                             |               |    |
|  |        |      |          | 12 mm cement plaster of mix:<br>1:4(1 cement :4 coarse sand)  |               |    |
|  |        |      | 1,391.63 |   |               |    |
|  |        | Sqmt |          | 5 mm cement plaster to ceiling of mix.<br>1:3(1 cement: 3 coarse sand)  |               | 13 |
| Rupees one hundred seventoen.& paise sixty only: |        |      | 4,498,36 | Providing and applying white cement based unity of average thickness 2 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth anmolete. |               | 3  |
| Runces eighty<br>three & paise<br>ten only.      | 011128 | Sqmt |          | Distempering with oil bound washa ble listemper of approved brand and manufacture to give an even shade.  Lew work (two or more coats) over and helading priming cost with cement primer        |               |    |

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|----|---------|---|--------------|-------|----------|--|
| 7  |         | Finishing walls with Acrylic Smooth exterior paint of required shade:  New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)   | 812.82       | Sqmt. | 89.40    | Rupees eighty nine & paise forty only.   |
| 8  | 11.46.2 | Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.  Size of Tile 600 x 600 mm   | 418.96       | Sqmt. | 1,141.60 | Rupees one thousand one hundred forty one & paise sixty only.                    |
| 9  | 11.23.5 | Marble stone flooring with 18 mm thick marble stone (sample of marble shall be approved by Engineer-in-charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with: Udaipur green marble  | 221.10       | Sqmt. | 1,598.00 | Rupees one thousand five hundred ninety eight only.                              |
| 10 | 8.60    | Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.  | 221.10       | Sqmt. | 203.00   | Rupees two hundred three only.   |
| 11 | 4.1.3   | Providing and laying in position cement concrete of specified grade exluding the cost of centring and shuttering-all work upto plinth level.  1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate20 mm nominal size)   | 18.86        | Cum   | 4,151.40 | Rupees four<br>thousand one<br>hundred fifty<br>one & paise<br>thirty nine only. |
| 12 | 11.36   | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (Thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement Motar 1:3(1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete. | 201.27       | Sqmt. | 739.80   | Rupees seven<br>hundred thirty<br>nine & paise<br>eighty only.                   |

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Proprietor

Chief Eng near

B.S.E.I.D.C. Ltd, Patra

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|  |          |       |        | Finishing walls with Acrylic Smooth exterior oaint of required shade.  New work (Two or more coat applied on 1.67  Ite 10 sum over and including priming cost of exterior primer applied (i) 2.20 kg/ 10 squr).   |             |    |
|--|----------|-------|--------|---|-------------|----|
|  | 00:141.1 | Sqmi  |        | Providing and laying Vitrified files in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08% and conforming to 1.5—15622, of approved make, in all colours & shade over 12 mm thick bed of ceinent mortar 1:3 (1 ceincut, 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete  | . i . 4b. 2 |    |
| Rupees one<br>thousand five<br>bundred minety<br>eight only. | 1,598.00 | Squit | 221.1b | Marble stone flooring with 18 nm thick marble stone (sample of marble shall be approved by Engineer-m-charge) over 20 mm (average) thick base of coment mortar 1:4 (1 cement: 4 coarse sand) laid and jointed with grey cement sharry including rubbing and polishing complete with Udaipur green marble  |             |    |
|  | 203.00   | Sqmt. |        | Mirror polishing on marble work/stone work where ever required to give high gloss finish complete.  |             |    |
|  |          | Cum   | o8.81  | Providing and laying in position cement concrète of specified grade extuding the cost of centing and shuttering-all work upto plinth level.  1:2:4(1 Cement: 2 coarse sand:4 graded stone aggregate20 mm nominal size)  |             | 11 |
|  | 739.80   | Squit |        | Providing and fixing 1st quality ceratine glazed wall files conforming to 1S15622 (Thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement. Motar 1:3(1 cement 3 course sand) and jointing with grey cement shury (A.3.3 kg per squincheding pointing in white cement mixed with pigment of matching shade complete. |             |    |

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|      | 7       |   |        |       |           |   |
|------|---------|---|--------|-------|-----------|---|
| 13 7 | 7.38.1. | Stone tile work for wall lining upto 10.0m height with special adhesive like araldite or equivalent over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand ) including pointing inwhite cement with an admixture of pigment to match the stone shade .  8 mm thick (mirror polished and machine cut edge ) Granite black stone  | 201.27 | Sqmt. | 1,712.20  | Rupees one<br>thousand seven<br>hundred twelve<br>& paise twenty<br>only. |
| 14   | 8.12    | Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 40mm(avearage) thick base of cement mortar 1:4(1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent. | 62.21  | Sqmt. | 2,979.20  | Rupees two thousand nine hundred seventy nine & paise twenty only.        |
| 15   | 9.1.1   | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position Second class teak wood   | 0.50   | Cum   | 95,749.10 | Rupees ninety five thousand seven hundred forty nine & paise ten only.    |
| 16 9 | 9.21.1  | Providing and fixing flush door shutters conforming to IS: 2202 (Part-I) non-decorative type.core of block board construction with frame of 1st class tiard wood and well mathched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters  35 mm thick including stainless steel butt hinges with necessary screws-  | 96.08  | Sqmt. | 1,602.70  | Rupees one thousand six hundred two & paise seventy only.                 |

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|  |          |        |       | Stone tile work for wall lining upto 10 0m height with special adhesive like araldite or equivalent over 12 mm thick bed of cement moran 1.3 (1 cement: 3 coarse sand.) including pointing inwitite concut with an admixture of pigment to march the stone sindes.  8 mm thick (mirror polished and machine cut edge.)  |  |
|--|----------|--------|-------|---|--|
| Rupees two thousand nine nandred seventy time & paise twenty only.                 | 2,979.20 |        | 62.21 | Fronting and laying flamed finish Granic stone fronting an required design and patterns, in linear as well as enrythnear portions of the building all complete as per the architectural architectural dinary with 18 and flick stone slab over 40mm(ayearage) thick base of cement mortar 1:4(1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching cement slurry admixed with pigment of matching etc. all complete as specified and as directed by the Engracer-in-Charge Teamed finish granic stone slab for Black, Cherry Red. |  |
| Rupoes nincly<br>five thousand<br>seven hundred<br>forty nine &<br>paise ten only. |          | Cum    |       | Providing wood work in frames of doors windows and other tinnes) wrought (ramed and fixed in position Second class teak wood  |  |
|  | 1,602.70 | Squit. | 80.09 | Providing and fixing thish door shutters conforming to IS: 2202 (Part-I) non-decorative type core of block board construction with frante of 1st class fixed wood and well mathched confusered 3 piv veneering with vertical grains or cross bands and face veneers on both faces of shutters.  35 non thick including standers steel but hinges with necessary screws.   |  |

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| 17 | 9.40.1. | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood 50x20mm   | 226.35 | Mtr. | 149.70 | Rupees one hundred forty nine & paise seventy only. |
| 18 | 9.96.1  | Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete: 300x16 mm              | 43.00  | Each | 220.40 | Rupees two hundred twenty & paise forty only.       |
| 19 | 9.97    | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with necessary screws etc. complete:                              |        |      |        |   |
|    | 9.97.1  | 300x10 mm   | 43.00  | Each | 105.20 | Rupees one hundred five & paise twenty only.        |
|    | 9.97.4  | 150x10 mm   | 43.00  | Each | 67.80  | Rupees sixty seven & paise eighty only.             |
| 20 | 9.100.1 | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 125 mm                            | 43.00  | Each | 54.00  | Rupees fifty four only.                             |
| 21 | 9.101.2 | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS:  | 43.00  | Each | 40.40  | Rupees forty & paise forty only.                    |
| 22 | 2.37.5  | Treatment at points of contact ot wood work by chemical emulsion chlordane. (in oil or kerosene based solution)® 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same. | 226.35 | Mtr. | 231.50 | Rupees two hundred thirty one & paise fifty only.   |

Sonbhadra Construction
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Proprietor

Chief Eng near

B.S.E.I.D.C. Ltd, Patra

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|  |        | Fact | 43.00  | Providing and fixing aluminium sliding door bolts, ISI marked, anodised (anodic costing not less than grade AC 10 as per IS 1868), transparent or dived to required colour or shade, with nots and screws etc. complete.                                | 1.00.0 |    |
|--|--------|------|--------|---|--------|----|
|  |        |      |        | Providing and fixing altiminium tower bolts, 1SI marked, anodised (anodic costing not less than grade AC 10 as per 1S. 1868), transparent or tyed to required colour or shade, with necessary screws etc. complete:                                     |        |    |
| Rupees one<br>hundred five &<br>gaise (wenty<br>enty |        |      |        | 300x10 mm   |        |    |
| Rupecs sixty<br>seven & paise<br>circlity only       |        |      |        | 150×10 mm   |        |    |
|  | 54.00  |      |        | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:   |        |    |
|  |        | Each |        | Providing and fixing aleminium hanging floor door stopper, ISI marked, anodised (anodic coating not less then grade AC 10 as per IS': 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Twin rubber stopper. |        |    |
|  | 231.50 |      | 226.35 | Treatment at points of contact of wood work by chemical emilsion chlordane. (in oil or kerosena based solution)®  0.5 times per hole by drilling 6 min dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.        |        | 22 |

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|----|--|--|-------|-------|----------|---|
| 23 | Rate as per S.E South bihar circle Patna (Th. the capicit y buildin g B.O.Q) | Providing and fixing Armstrong false ceiling plain or with design ceiling tiles made of pressed particle board or equivalent & T-sections & main runners and cross runners fixed to main runners placed 600 mm centre to centre both ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.s rod fixed to roof slab ny means of ceiling cleats. The suspenders shall be placed 600x1200 mm centre to centre including fixing to the frame with CP brass screws and applying a priming coat of zinc chromate yellow primer for steel members complete all complete job as per direction of E/I  | 75.00 | Sqmt. | 1,109.35 | Rupees one thousand one hundred nine & paise thirty fiv only. |
| 24 | 12.82  | Providing and fixing at all height false ceiling of 12.5 mm thick -tapered edge gypsum board conforming to IS: 2095 including -providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanized in accordance with zine coating 600 as per IS: 277 and consisting of angle cleats of size 25 mm wide x 16 mm thick with flanges of 22 mm and 27 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia x 40 mm long with 6 mm dia bots to the angle hangers of 25x25x5 mm of required length, and other end of angle hanger being fixed with nut and bots to rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be be fixed in a direction perpendicular to G. I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G. I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long. the perimeter of ceiling fixed to wall / partition with the help of rawl plugs at 450 mm centre to centre with 25 mm long dirve-all screws @ 230 mm interval including jointing and fixing to a flush of tapered and squareedges of the gypsum board with recommended filler., paper tapes, finisherand two coats of primer suitable for gypsum board as per manufacturesspecification and also including the coat cutouts made with frame of perimeter channels suitably fixed all complete as per-drawing and specification and direction of the Engineer-in-Charge but excluding the cost of painting | 30.00 | Sqmt. | 691.10   | Rupees six<br>hundred ninety<br>one & paise ten<br>only.      |

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| Rupers one<br>thousand one<br>bundred nine &<br>paise thirty five<br>only | 7,169,35 |       | Providing and fixing Armstrong talse ceiling plain or with design ceiling files made of pressed particle board or equivalent-& T-sections & main runners and cross runners fixed to main runners, placed 600 mm ceause to centre boin ways so as to form a grid of 600 mm square. The frame work shall be suspended from ceiling by level adjusting hangers of 6 mm dia M.s. rod fixed to mot slab my means of ceiling cleats. The suspenders shall be placed 600x 1200 mm centre to centre including fixing to the frame with CP to centre including fixing to the frame with CP oness screws and applying a priming coat of zinc chromate yellow primer for steal members complete all complete job as per direction of E.I.   | capacit<br>capacit<br>y<br>buildin |  |
|---|----------|-------|--|------------------------------------|--|
| Rispecs six<br>hundred nincty<br>one & paise ten<br>only:                 | 691.10   | 30.00 | Providing and fixing an all basight firsts ortiling of 12.5 nm thick-faporal edge syspeam board conforming to 15.2 for a lightling contiling and from at the work made of special sections proved parents of from 15.8 successed from 15.8 successed in the social model of the section of the master from 15.8 successed of ingle cleans of accordance with raise continue for the period to the coefficies of 22 mm and 27 mm at 1200 mm edge to centre to centre out floring from 15.0 mm thick with the gape of 22 mm and 27 mm at 12.0 mm to long with 6 mm din bots to the angle intersects or 25x25x5 mm of required this long to the first of the supple intersects or 25x25x5 mm of required from long the raise of 12.0 mm to state of 12.0 mm of the raise of 12.0 mm with reported flanges of 26 mm early lating election 0.1 mm at 200 mm at 200 mm of the centre to centre to centre for 10.5 mm early lating election peoperation from 0.1 clearing with the centre to centre to the 10.5 mm early lating of 15.0 mm and 20 mm at 300 mm electron including fixing the syspens based with celling section and periodical with peoperation from the 2.7 mm ingle has not large at 150 mm and 2.9 mm ingle 150 mm early research of 150 mm and 2.0 mm ingle 150 mm early research of 150 mm and 2.0 mm ingle 150 mm early research of 150 mm and 2.0 mm ingle 150 mm early research of 150 mm early periodical end of 150 mm early research of 150 mm early periodical end to 150 mm early research early research intersection of the 150 mm early research early r |                                    |  |

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| 25 | 21.10   | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS:733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / aneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) |        |       |        |   |
|----|---------|---|--------|-------|--------|---|
|    | 21.1.1. | Powder coated aluminium (minimum thickness of powder coating 50 micron  | 244.80 | Kg    | 400.50 | Rupees four hundred & paise fifty only.                       |
| 26 | 21.30   | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap bading shall be paid in basic item.)  |        |       |        |   |
| ,  | 21.3.1  | With glass panes of 4.0 mm thickness (weight not less than 10.0kg/sqm)  | 220.32 | Sqmt. | 735.60 | Rupees seven<br>hundred thirty<br>five & paise<br>sixty only. |
| 27 | 21.20   | Providing and fixing 12 mm thick prelaminated three layer medium density (exterior grade) particle board Grade I, Type II conforming to IS: 12823 bonded with phenol formaidhyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, window shutters and partition frames, with C.P. brass/stainless steel screws etc. complete as per archiectural drawings and directions oa engineer-in-charge.  |        |       |        |   |

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|              |  |         | approved make conforming to 18.733 and 18.        |  |
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|              |  |         | sing and quighter cosessors amortism tests only   |  |
|              |  |         | at junctions, i.e. ar-top, bottom and sides with  |  |
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|              |  |         | separately)                                       |  |
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|              |  |         | three layer medium density (exterior grade)       |  |
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|              |  |         |   |  |
|              |  |         | complete as per archiectural drawings and         |  |
|              |  |         | directions or engineer-in-charge.                 |  |
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|----|--------|---|--------|-------|----------|---|
|    | 21.2.2 | Prelaminated particle board with decorative finish on both side   | 5.00   | Sqmt. | 894.40   | Rupees eight hundred ninety four & paise forty only.                    |
| 28 | 21.4.1 | Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS: 6315) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per the direction of engineer-in charge. | 2.00   | Each  | 2,163.50 | Rupees two thousand one hundred sixty three & paise fifty only.         |
| 29 | 15.2.1 | Demolishing cement concrete including disposal of material within 50 metre lead:1:3:6 or richer mix   | 10.00  | Cum   | 807.20   | Rupees eight<br>hundred seven<br>& paise twenty<br>only.                |
| 30 | 15.30  | Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material withing 50 metres lead:   | 19.69  | Cum   | 1,172.70 | Rupees one<br>thousand one<br>hundred<br>seventy two &<br>paise seventy |
| 31 | 15.7.4 | Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:   | 283.50 | Cum   | 685.10   | Rupees six<br>hundred eighty<br>five & paise ten<br>only.               |
| 32 | 8.3.1  | Extra for providing edge moulding to 18 mm thick marble stone counters, Vanities etc. over item no. 8.2including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer - in -charge.  Marble work                                      | 115.20 | Mtr.  | 136.90   | Rupees one hundred thirty six & paise ninety only.                      |

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|    |        |   |      |      |        | Rupees etgin<br>hundred ninety<br>four & paise<br>forty only                |
|----|--------|---|------|------|--------|---|
|    |        | Providing and fixing double action hydraulic floor spring of approved brand and manifacture (conforming to IS: 6315) for aluminium doors including cost of cutting floors as required, embedding in floors and cover plates etc. complete as per the direction of engineer-in charge. | 2,00 |      |        | Rupdes fact<br>thousand one<br>fundred sudv<br>three & place<br>fifty only. |
|    | 15.2.1 | Demolishing cement concrete including disposal<br>of material within 50 metre lead:1:3:6 or richer<br>mix   |      |      |        |   |
| 30 |        | Demolishing R.C.C. work including stacking of steel bars and disposal of unscryiceable material withing 50 metres lead:   |      | Сиш  |        | Rupees one thousand one frundred seventy two & paise seventy only           |
|    |        | Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50 meters lead:   |      |      | 685.10 |   |
|    | 1.5.8. | Extra for providing edge moulding to 18 mm thick marble stone counters. Vanities etc. over item no. 8.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer - in -charge.  Marble work                                     |      | Mtr. |        |   |

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|    |         | Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished,   |          |       |          |   |
|----|---------|---|----------|-------|----------|---|
| 33 | 8.2.2.2 | joints treated with white cement, mixed with matching pigment, epoxy touch ups,including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.  Granite of any colour and shade  Area of slab over 0 50 sam | 30.00    | Sqmt. | 3,699.10 | Rupees three thousand six hundred ninety nine & paise ten only.             |
| 34 | 13.94.1 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade  Two or more coats on new work over an under coat of suitable shade with ordinary pain + of approved brand and manufacture                    | 289.61   | Sqmt. | 3,699.10 | Rupees three<br>thousand six<br>hundred ninety<br>nine & paise<br>ten only. |
| 35 | 9.48.2  | Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings/ wooden frames with rawl plugs screws etc         | 1,468.80 | Kg    | 122.90   | Rupees one hundred twenty two & paise ninety only.                          |
| 36 | mik     | Supplying & Fixing of Vertical Blinds as per Company Speicfication as per Approved Colour & Sample all complete including taxes and royalty as per specification and direction of E/I.  | 53.28    | Sqmt. | 1,475.00 | Rupees one<br>thousand four<br>hundred<br>seventy five<br>only.             |
| 37 | 2.37    | Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termites' treatment(including the cost of chemical emulsion).  |          |       |          | July  |
|    | 2.37.2  | Along the external wall below concrete or masonry apron using chemical emulsion @ 2.55 litres per linear metre including drilling and plugging holes etc.   |          |       |          |   |
|    |         | With chlorpyriphos E.C. 20% with 1% concentration   | 63,55    | Mtr.  | 44.60    | Rupees forty four & paise sixty only.                                       |

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| Rupees three thousand six hundred ninety ulno & paise ten only. | 3,699.10 | Squit | 30.00 | Floviding and from 18 mm thick gang saw our marror polished, premoulded and prepolished, machine eut for latchen platforms, venity counters, window sills, facias and similar locatiods, of required size, approved shade, colour and texture laid over 20 mm thick base colour and texture laid over 20 mm thick base coment aportar 1.4 (1 cement: 4coarse sand), foints treated with white cement, mixed with matching pigment, epoxy touch ups including matching pigment, epoxy touch ups including to edees to give high gloss finish etc. complete at all levels.  Area of slab over 0.50 som |         |     |
|---|----------|-------|-------|--|---------|-----|
| Rupees three thousand six hundred ninety mine & paise ten only. |          |       |       | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade.  Two or more coats on new work over an under coat of suitable shade with ordinary pain + of approved brand and manufacture.   | 13,94.1 |     |
|   | 122.90   | gy    |       | Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings/ wooden frames with rawl plugs screws  |         |     |
| kupees one thousand four hundred seventy tive                   | 1,475.00 |       |       | Supplying & Fixing of Vertical Blinds as per Company Speicfication as per Approved Colour, & Sample all complete including taxes and royalty as per specification and direction of E/L   |         |     |
|   |          |       |       | Diluting and rejecting chemical emulsion for POSTCONSTRUCTIONAL anti-termite.' reatment including the cost of chemical emulsion).  |         | 7.5 |
|   |          |       |       | Along the external wall below concrete or a possonry apron using chemical entitision (@ 2.55) butes per linear metre including drilling and phigging holes etc.  |         |     |
|   | 44.60    |       |       | With chlorpyriphos E.C. 20% with 1%  |         |     |

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| 38 | RA      | Removal old tarfelt and disposal of debries with all lead, complete job as per direction of E/I  | 252.71 | Sqmt. | 35.10  | Rupees thirty five & paise ten only.                         |
|----|---------|--|--------|-------|--------|--|
| 39 | 22.3    | Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C. kitchen and the like consisting of: (i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions.(ii) 11 nd course of 20 mm cement plaster 1:3 (1 cement:3 coarse sand)mixed with water proofing compound in recommended proportion, (iii) Illrd course of applying blown or/residual bitumen aplied hot at 1.7 kg. per sqm of area, (iv) Ivth course of 400 micron thick PVC sheet.(Overlaps at joints of PVC shet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqni). | 93.31  | Sqmt. | 444.30 | Rupees four hundred forty four & paise thirty only.          |
| 40 | 11.40   | 52 mm thick cement concrete flooring with metallic concrete hardener topping under layer 40 mm thick cement concrete 1:2:4(1cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick metallic concrete hardener consisting of mix 1:2 (1 cement hardener mix:2 stone aggregate 6 mm nominal size) by volume @ 2 liter per 50 kg of cement or as per manufacture specification. This includes cost of cement slurry, etc. but excluding the cost of nosing of steps etc. complete.   | 252.71 | Sqmt. | 450.80 | Rupees four hundred fifty & paise eighty only.               |
| 41 | 15.23.1 | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.  For thickness of tiles 10 mm to 25 mm  | 464.75 | Sqmt. | 25.50  | Rupees twenty five & paise fifty only.                       |
| 42 | 2.28    | Supplying and Filling in plinth with local sand<br>and under floors including, watering, ramming<br>consolidating and dressing complete  | 30.00  | Cum   | 238.60 | Rupees two<br>hundred thirty<br>eight & paise<br>sixty only. |

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|  | 444.30 |       | 18,09 | Providing and laying water proofing treatment to vertical and honzonial autiaces of depressed portions of W.C. kitchen and the like consisting of (i) 1st course of applying cement shary & 4. kg/sqni mixed with water proofing compound conforming to IS 2045 in recommended proportions.(ii) 11 nd course of 20 mm cement plaster 1.3 (1 cement.3 coarse sand)mixed with water proofing compound in recommended proportion. (iii) Illird course of applying blown or residual bitumen aplied hot at 1.7 kg, per sqmi of area, (iv) 19th course of 400 micron thick PVC sheet (Overlaps at joints of PVC sheet should be bitumen of 1.7 kg/sqni). |       |    |
|--|--------|-------|-------|---|-------|----|
| Rupees four<br>hundred fifty &<br>paise eighty<br>only       | 450.80 | Squat |       | 52 mm thick cement concrete flooring with metallic concrete hardener topping under layer 40 mm thick cement concrete 1:2:4( Icement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick metallic concrete hardener consisting of mix 1:2 (1 concrete hardener mix:2 stone aggregate 6 mm nominal size) by volume (a) 2 liter per 50 kg of cement of as per manufacture specification. This includes cost of centent shary, etc. but excluding the cost of nosing of steps etc. complete.   | 04.11 | 40 |
|  |        | Sqmt  |       | Dismanting tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.  For thickness of ules 10 mm to 25 mm   |       |    |
| Rupees, two<br>hundred thirty<br>eight & parse<br>sixty only |        | Cum   |       |   | 2.28  |    |

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| 43 | 11.79.1 | Providing and laying factory made chamfered edge CementConcrete paver blocks of required strength,thickness & size/shape, made by table vibratory method, to attain superior smooth finish using PU or equivalent moulds, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with jamuna sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand in footpath, parks,lawns, drive ways or light traffic parking etc. all complete as per manufacturer's specifications & direction of Engineer -in-Charge:  (a) 80 mm thick c.c. paver block of M-35 grade with approved colour design and pattern. | 200.00 | Sqmt. | 812.70   | Rupees eight hundred twelve & paise seventy only.                                     |
|----|---------|---|--------|-------|----------|---|
| 44 |         | Add Carriage of Material  |        |       |          |   |
|    | 1       | Cement  | 52.90  | Ton   | 328.25   | Rupees three hundred twenty eight & paise twenty five only.                           |
|    | 2       | Sand  | 146.13 | Cum   | 893.59   | Rupees eight hundred ninety three & paise fifty eight only.                           |
|    | 3       | Chips   | 16.78  | Cum   | 1,761.34 | Rupees one<br>thousand seven<br>hundred sixty<br>one & paise<br>thirty three<br>only. |
|    | 4       | Bricks  | 9,29   | Th    | 767.08   | Rupees seven<br>hundred sixty<br>seven & paise<br>eight only.                         |

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| Rupees eight<br>hundred twelve<br>& palse sevenly<br>enly                    | \$12.70 |     | 200.00 | Providing and laying factory made chamfered edge CementCenercte paver blocks of required strength thickness & size/shape made by table strength thickness & size/shape made by table vibratory method, to altain superior, smooth fimsh using PU or equivalent movids, laid in required Grey colour & patient over summ thick compacted bed of coarse sand, compacting and proper cobedding laying of inter fecking paver blocks into the sand hedding layer through vibratory compaction by using plate through thing the joints with jamiling sand and cotting of paver blocks as per required size and patient mishing and sweeping extra sand in footpath etc. all complete as per manufacturer's oberge.  (a) 80 mm thick c c paver block of M-35 grade with | 1.07.13 |  |
|--|---------|-----|--------|---|---------|--|
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|  |         |     |        |   |         |  |
| Ruppers fifted<br>lumideed (wenty<br>eight & paiso-<br>fiventy live<br>only. |         | Ton |        | Cement  |         |  |
| Rupers cight<br>fundred ninety<br>fluce & paise<br>fifty eight only.         |         | Cum |        | Sand  |         |  |
| Repeas one sing to the himdred sixty one & paiso things three colors.        |         |     |        |   |         |  |
| Ripees seven<br>bandred andy<br>seven as passe<br>creationis.                |         |     |        | Bricks  |         |  |

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|----|---------|---|-------|------|----------|--|
|    | 5       | Steel   | -     | Ton  | 328.25   | Rupees three hundred twenty eight & paise twenty five only.                  |
|    | 6       | L.Sand  | 30.00 | Cum  | 262.05   | Rupees two hundred sixty two & paise five only.                              |
| 45 |         | Add Difference of Cost  |       |      |          |  |
|    | 1       | Bricks  | 9.29  | Th   | 1,470.46 | Rupees one thousand four hundred seventy & paise forty five only.            |
|    | 2       | Cement  | 52.90 | Ton  | 362.76   | Rupees three hundred sixty two & paise seventy five only.                    |
|    |         |   |       |      | (I)      | 6,247,577.71   |
|    | ļ       | Plumbing Works  |       |      |          |  |
| 46 | 17.1.1  | Providing and fixing water closet squatting pan (Indian type W.C.pan ) with 100 mm sand cast Iron P or S trap, 10 litre low fixtures complete, including cutting and making good the walls andlevel white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests | 1.00  | Each | 3,390.90 | Rupees three thousand three hundred ninety & paise ninety only.              |
| 47 | 17.10.1 | Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with CI brackets and stainless steel waste with plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required.  Kitchen sink with drain board 510X1040mm bowl depth 200mm.   | 2.00  | Each | 3,844.10 | Rupees three<br>thousand eight<br>hundred forty<br>four & paise<br>ten only. |

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| (Indian type W.C.pan ) with 100 mm sand cast      |  |
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| andlevel white P.V.C. flushing cistern, including |  |
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|  | 00.1 | Providing and fixing water closet squatting part (Indian type W.C.pan.) with 100 mm sand cast from P or S trap, 10 litre low fixtures complete, meluding cutting and making good the walls andlevel white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and floors wherever raquired:  White Vircous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests. | 171 |  |
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| 48 | 17.28.2 | Providing & fixing PVC waste pipe for sink oncluding PVC waste fitting Complete Flexible Pipe 40 mm dia   | 2.00  | Each | 86.20  | Rupees eighty six & paise twenty only.                        |
|----|---------|---|-------|------|--------|---|
| 49 | 17.32.2 | Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing:  Rectangular shape 453x357 mm  | 11.00 | Each | 683.80 | Rupees six<br>hundred eighty<br>three & paise<br>eighty only. |
| 50 | 17.70.1 | Providing and fixing PTMT Bottle Trap for Wash basin and sink.  Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms. | 22.00 | Each | 332.80 | Rupees three hundred thirty two & paise eighty only.          |
| 51 | 17.71   | Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour weighing not less than 105 gms.   | 11.00 | Each | 149.50 | Rupees one hundred forty nine & paise fifty only.             |
| 52 | 17.72   | Providing & fixing PTMT towel ring trapezoidal shape 215 mm long 200 mm wide with minimum distance of 37 mm from wall face with concealed fittings arrangement of approved quality and colour weighing not less than 88 gms   | 11.00 | Each | 216.90 | Rupees two<br>hundred sixteen<br>& paise ninety<br>only.      |
| 53 | 18.49   | Providing and fixing C.P. brass bib cock of approved quality confirming to IS:8931 15mm nominal bore  | 11.00 | Each | 401.40 | Rupees four hundred one & paise forty only.                   |
| 54 | 18.50.1 | Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.  15mm nominal bore  | 11.00 | Each | 599.50 | Rupees five<br>hundred ninety<br>nine & paise<br>fifty only.  |
| 55 |         | Providing and fixing toilet paper holder: C.P. brass  | 11.00 | Each | 363.00 | Rupees three hundred sixty three only.                        |

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|  |        | Each | 2,00   | Providing as fixing PVC waste pipe for sink oncluding PVC waste fifting Complete Florible Pipe 40 mm dia   |  |
|--|--------|------|--------|--|--|
|  |        |      |        | Providing and fixing mirror of superior class (or approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing.  Rectangular shape 453x357 mm   |  |
| Repeta three<br>hundred thiny<br>two & paiso<br>eighty only, |        |      | 22.00  | Providing and fixing PTMT Bottle Trap for Wash basin and sink.  Bottle trap 31 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 and from the centre of the waste coupling 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms. |  |
|  |        |      |        | Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fiftings of approved quality and colour weighing not tess than 105 ems.  |  |
| Rupece two<br>handred sixtoes<br>& paise ninety<br>nuly      |        |      |        | Providing & fixing PTMT towel ring trapezoidal shape 215 mm long 200 mm wide with minimum distance of 37 mm from wall face with concealed intings arrangement of approved quality and colour weighing not less than 88 gms.  |  |
|  |        |      | .00.(1 | Providing and fixing CP brass hib cock of approved quality confirming to 15:8931  15mm nominal hore  |  |
|  | 599.50 |      | 00.11  |  |  |
|  |        |      | 11.00  |  |  |

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| 56 | 17.8   | Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water ( 250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge | 11.00 | Each | 5,407.30 | Rupees five<br>thousand four<br>hundred seven<br>& paise thirty<br>only, |
| 57 | 18.7   | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including allCPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.               |       |      |          |  |
|    | 18.7.3 | 25 mm dia, nominal bore  | 80.00 | Mtr. | 204.70   | Rupees two<br>hundred four &<br>paise seventy<br>only.                   |
|    | 18.7.4 | 32 mm dia, nominal bore  | 80.00 | Mtr. | 279.10   | Rupees two<br>hundred<br>seventy nine &<br>paise ten only.               |
| 58 | 18.9   | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including allCPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge.               |       |      |          |  |
|    | 18.9.5 | 40 mm nominal outer dia pipes  | 50.00 | Mtr. | 323.50   | Rupees three<br>hundred twenty<br>three & paise                          |
|    |        |  |       |      | /        | fifty only.  |
|    | 18.9.6 | 50 mm nominal outer dia pipes  | 50.00 | Mtr. | 498.30   | Rupees four hundred ninety eight & paise thirty only.                    |
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|             |  | based infrared sensor operated urinal of approx. |   |   |
|             |  | size 610 x 390 x 370 num having pre & post       |   |   |
|             |  | flushing with water ( 250 ml & 500 mi            |   |   |
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|             |  | Chloride (CPVC) pipes, having thermal stability  |   |   |
|             |  | for hot & cold water supply including allCPVC    |   |   |
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|             |  | joints complete as per direction of Engineer in  |   |   |
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|             |  | Chloride (CPVC) pipes, having thermal stability  |   |   |
|             |  | for not & cold water supply including allCPVC    |   |   |
|             |  | plain & brass threaded fittings This includes    |   |   |
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|             |  | joints complete as per direction of Engineer in  |   |   |
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|----|---------|---|--------|--------|----------|---|
|    | 18.9.7  | 62.50 mm nominal outer dia pipes  | 15.00  | Mtr.   | 1,133.80 | Rupees one<br>thousand one<br>hundred thirty<br>three & paise<br>eighty only. |
| 59 | 18.8    | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including allCPVC plain & brass threaded fittings, including fixing the pipe withclamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc |        |        |          |   |
|    |         | 15 mm dia, nominal bore   |        | 7      | T. T. T. | Rupees two  |
|    | 18.8.1  |   | 175.00 | Mtr.   | 214.30   | hundred<br>fourteen &   |
|    | 10.0.1  |   | 175.00 | IVIII. | 214.50   | paise thirty  |
|    |         | 20 mm dia, nominal bore   |        |        | ,        | only.  Rupees two   |
|    | 18.8.2  | 20 mm dia, nominar ooro   | 175.00 | Mtr.   | 255.70   | hundred fifty<br>five & paise   |
| 60 | 18.17   | Providing and fixing of gun metal gate valve with CI wheel of approved quality (screwed ends)   |        |        |          | seventy only.   |
| N. |         | 25mm dia, nominal bore  |        |        |          | Rupees four   |
| 61 | 18.17.1 |   | 11.00  | Each   | 461.80   | hundred sixty<br>one & paise<br>eighty only.                                  |
| 62 | 18.17.2 | 32 mm dia, nominal bore   | 11.00  | Each   | 540.00   | Rupees five hundred forty   |
|    | -       | 40 mm dia, nominal bore   |        |        |          | only.  Rupees six   |
| 63 | 18.17.3 |   | 5,00   | Each   | 630.30   | hundred thirty<br>& paise thirty<br>only.                                     |
|    |         | 50 mm dia, nominal bore   |        |        |          | Rupees nine   |
| 64 | 18.17.4 |   | 5.00   | Each   | 926.20   | hundred twenty<br>six & paise<br>twenty only.                                 |
|    |         |   |        |        |          | twonty only.  |

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| Rupces one thousand one hundsed thirty three & paiso cighty only | 1,133.80 |      |      | 62.50 mm nominal outer dia jupes  |         |    |  |
|--|----------|------|------|---|---------|----|--|
|  |          |      |      | Providing and fixing Chlorinated Polyvinvi Chloride (CPVC) pipes, naving thermal stability for hot & cold water supply, including allCPVC plain & brass threaded fittings, including fixing the pipe withchamps at 1.00 m spacing. This includes jointing of pipes & littings with one step includes jointing of pipes & littings with one step CPVC solvent cement and resting of joints complete as per direction of linguiseer in Charge Concealed work, including cutting chases and making good the walls etc. |         | 97 |  |
| Ruipaes two<br>hundred<br>fourteen &<br>paise thirty             | 214.30   |      |      | 15 mm dia, nominal bore   |         |    |  |
| Rupees two<br>laundred fifty<br>five & paise<br>seventy only     |          |      |      | 20 mm dis, nominal bore   |         |    |  |
|  |          |      |      | Providing and fixing of gun metal gate valve with CI wheel of approved quality (sorewed ends)   |         |    |  |
| Rupees four<br>hundred sixty,<br>one & phise<br>eighty only.     |          |      |      |   | 1,71 81 | 18 |  |
| Rupees five<br>hundred forty<br>only                             |          | Ench |      |   |         |    |  |
| Rupess six<br>hundred thirty<br>& paise thury<br>only            |          |      | 5,00 |   |         |    |  |
| Rapees nine<br>honderd twenty<br>six of passe<br>twenty only.    | 92829    | Fach | 00.3 |   |         |    |  |

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| 65 | 18.16.1 | Providing and fixing brass stop cock of approved quality 15 mm nominal bore   | 22.00    | Each         | 280.90   | Rupees two hundred eighty & paise ninety only.                           |
|----|---------|---|----------|--------------|----------|--|
| 66 | 18.33.1 | Constructing masonry chamber 60x60x75 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement:4 fine sand) for sluice valve, with C.I. surface box 100mm, to diameter, 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 corase sand: 4 graded stonr aggregate 20mm nominal size) necessary excavation foundation concret 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortor 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. | 4.00     | Each         | 6,703.80 | Rupees six<br>thousand seven<br>hundred three<br>& paise eighty<br>only. |
| 67 |         | Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside)with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :                         | 4.00     | Each         | 6,211.70 | Rupees six<br>thousand two<br>hundred eleven<br>& paise seventy<br>only. |
| 67 | 18.48   | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.  | 3,000.00 | per<br>litre | 7.90     | Rupees seven<br>& paise ninety<br>only.                                  |

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| Rupecs two<br>inteded ciphry<br>& paise minety<br>only.                  |          |              |     | Providing and fixing brass stop each of approved quality  15 mm nominal bars   |    |
|--|----------|--------------|-----|--|----|
|  | 6,703,80 |              |     | Constructing masonix chamber of/x60x75 cm, inside with 75 class designation brick work in cement morter 1:4 (1 ceptent 4 fine sand) for slurce valve, with C L surface box 100mm, to diameter, 160mm bottom diameter and 180mm diameter and 180mm fleep (inside) with chained lift and RCC top slab 1:2:4 mix (1 cement 2 corase sand; 4 graded stom aggregate 20mm normal size) necessary excavation foundation concret 1:5:16 (1 cement 5 fine sand; 10 graded stone aggregate 20 mm nominfil size) and inside plastering with cement mortor 1:3 (1 cement 3 coarse sand) 12 mm thick finished with a floating coat of neat complete as per standard design. |    |
| Rapees six<br>thousand two<br>hundred eleven<br>& paise seventy<br>only. | 6,211.70 |              | 400 | Consurroung masonry Chamber 60x45x50 cm inside in brick work in cement mortar 1:4 (1) cement: 4 coarse sand) for water meter complete with C.1 double flap surface box 400x200x200 mm (inside)with locking arrangement and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size). if crecessary excavation, foundation concrete 1:5:10 necessary excavation, foundation concrete 1:5:10 aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement: 3 graded with a coarse sand) 12 mm thick, finished with a floating coat of neat coment complete as per standard design.                  | 67 |
|  |          | rsq<br>attil |     | Providing and placing on terrace (at all floor levels) polyethylene water storage tank. 1SI 12701 marked, with cover and suitable locking arrangement and making necessary holes for   |    |

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| 68 | 19.6          | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :                     |        |           |        |   |
|    | 19.6.2        | 150 mm dia RCC pipe  | 20.00  | Mtr.      | 359.30 | Rupees three hundred fifty nine & paise thirty only.        |
|    | 19.6.4        | 300 mm dia RCC pipe  | 20.00  | Mtr.      | 522.20 | Rupees five hundred twenty two & paise twenty only.         |
| 69 | 12.78         | Providing and fixing on wall face unplastidsed-PVC(working pressure 4 kgf per sqm) rain water pipes conforming to IS:4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion.                      |        |           |        |   |
|    | 12.78.1       | 75 mm diameter   | 30.00  | Mtr.      | 147.40 | Rupees one<br>hundred forty<br>seven & paise<br>forty only. |
|    | 12.78.2       | 110 mm diameter  | 350.00 | Mtr.      | 238,30 | Rupees two hundred thirty eight & paise thirty only.        |
| 70 |               | Providing and fixing on wall face unplasticised - PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to (S:4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. |        |           |        |   |
|    | 12.79.1       | Coupler 110 mm   | 25.00  | Each      | 113.50 | Rupees one hundred thirteen & paise fifty only.             |
|    | 12.79.2<br>.2 | Single pushfit coupler 110 mm  | 10.00  | Each      | 354.90 | Rupees three hundred fifty four & paise ninety only.        |

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|  |        |        | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of coment mortar in the proportion of 1.2 (1 cement 2 tine sand)  |         | 85 |
|  |        |        | incheime testang at somis etc. eografete:<br>150 aan dia RCC pape   |         |    |
|  | 00.000 |        | 300 mm dig RCC pape   |         |    |
|  |        |        | Providing and fixing on wall-face unplashdeed.  PVC(working pressure 4 kgf per sqm) rain water pipes conforming to 18:4985 including jointing with seal ring conforming to 18: 5382 leaving 10 min gap for thermal expansion.                     | 12,78   |    |
|  |        | 30.00  | 75 mm diameter  |         |    |
| Rupees twin<br>hundred thursy<br>erght & paise<br>thirty only. | 238.30 | 350.00 |   |         |    |
|  |        |        | Providing and fixing on wall face unplasticised - PVC molded fittings/accessories for unplasticised-PVC rain water pipes conforming to (S.4985 including jointing with seal ring conforming to IS. 5382 leaving 10 rum gap for there al expansion |         |    |
|  |        |        |   |         |    |
| Suppose three<br>bandred fifty<br>from & paise<br>muchy only   | 001-5  |        | Single pushfit coupler 110 mm   | 12:70:2 |    |

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|    |   | Single tee with door 110 mm  |       |      |        | Rupees one  |
|----|---|--|-------|------|--------|---|
|    | Single tee without 12.79.4 .2  110 mm bend 12.79.5 .2  Shoe plain 110 mm 12.79.6 .2  Providing, fitting walve do do direction of E/I.  Providing, fitting walve do do all con E/I. |  | 35.00 | Each | 183.10 | hundred eighty<br>three & paise<br>ten only.                        |
|    |   |  | 35.00 | Each | 183.10 | Rupees one hundred eighty three & paise ten only.                   |
|    |   |  | 35.00 | Each | 124.70 | Rupees one hundred twenty four & paise seventy only.                |
|    |   | Shoe plain 110 mm  | 35.00 | Each | 108.50 | Rupees one hundred eight & paise fifty only.                        |
| 71 | QR  | Providing, fitting & fixing of 25 mm UPVC full Way valve do do all complete job as per direction of E/I. | 11.00 | Each | 421.26 | Rupees four hundred twenty one & paise twenty six only.             |
| 71 | QR  | Providing, fitting & fixing of 32 mm UPVC valve do do all complete job as per direction of E/I.          | 2.00  | Each | 601,80 | Rupees six hundred one & paise eighty only.                         |
| 72 |   | Providing, fitting & fixing of 40 mm UPVC valve do do all complete job as per direction of E/I.          | 2.00  | Each | 798.86 | Rupees seven<br>hundred ninety<br>eight & paise<br>eighty six only. |
| 72 |   | Providing, fitting & fixing of 25 mm UPVC Union do do all complete job as per direction of E/I.          | 11.00 | Each | 109.74 | Rupees one hundred nine & paise seventy four only.                  |
| 73 | QR  | Providing, fitting & fixing of 32 mm UPVC Union do do all complete job as per direction of E/I.          | 2.00  | Each | 135.70 | Rupees one hundred thirty five & paise seventy only.                |

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|    |         | Single ree with door 110 mm   |       |        | Rupers and<br>hundred alphy<br>three & passe<br>(co only,          |
|----|---------|---|-------|--------|--|
|    |         |   | 35.00 |        |  |
|    |         | i 10 mm bend  |       |        |  |
|    | 12,79,6 | Shoq plain 110 mm   |       |        |  |
|    |         | Providing, fitting & fixing of 25 mm UPVC full. Way valve do do all complete job as per direction of B/I. |       |        |  |
|    |         |   |       |        |  |
|    | QR      |   |       | 798.36 | Rupees seven<br>hundred ninety<br>eight & parse<br>eighty six only |
| 72 |         | Providing, fitting & fixing of 25 mm UPVC Union do do all complete job as per direction of E/L.           |       |        |  |
| 73 |         | Providing, fitting & fixing of 32 mm UPVC Union do do all complete job as per direction of E/I.           |       |        | Rupees one five & pales one sevente only.                          |

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| 73 | QR | Providing, fitting & fixing of 40 mm UPVC Union do do all complete job as per direction of E/I.   | 2.00  | Each | 250.16   | Rupees two<br>hundred fifty &<br>paise sixteen<br>only.                                   |
|----|----|---|-------|------|----------|---|
| 74 | QR | Providing, fitting & fixing of 50 mm UPVC Non Return Valve do do all complete job as per direction of E/I.  | 2.00  | Each | 3,674.52 | Rupees three thousand six hundred seventy four & paise fifty two only                     |
| 74 | QR | Providing, fitting & fixing of 110 mm UPVC Cowl do do all complete job as per direction of E/I.   | 22.00 | Each | 60.18    | Rupees sixty & paise eighteen only.   |
| 75 | QR | Providing, fitting & fixing of PVC 110 mm SWR P- Trap Valve do do all complete job as per direction of E/I.   | 22.00 | Each | 484.98   | Rupees four hundred eighty four & paise ninety eight only.                                |
| 75 | QR | Providing, fitting & fixing of PVC 75 mm SWR P- Trap Valve do do all complete job as per direction of E/I.  | 22.00 | Each | 322.14   | Rupees three hundred twenty two & paise fourteen only.                                    |
| 76 | QR | Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) of Make Jaquar with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS: 7231, with all fittings and fixtures do do all complete job as per direction of E/I | 11.00 | Each | 7,378.54 | Rupees seven<br>thousand three<br>hundred<br>seventy eight &<br>paise fifty four<br>only. |
| 76 | QR | Providing and fixing of hindware counter wash basin of size 430 x 530 mm with all fitting and fixtures do do all complete job as per direction of E/I.  | 11.00 | Each | 3,314.62 | Rupees three<br>thousand three<br>hundred<br>fourteen &<br>paise sixty two<br>only        |
| 77 | QR | Providing, fitting & fixing of CP Bib Cock two in one do do all complete job as per direction of E/I.   | 11.00 | Each | 1,110.38 | Rupees one thousand one hundred ten & paise thirty eight only.                            |

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| own amqu.S. eX yffil lieromid. nostxia pareq. alco.                                     | 250.16   | ilon ! | Providing, fitting at fixing of 40 mm. UPVC<br>Union do do all complete job as per direction of<br>E/L   |    |
|---|----------|--------|--|----|
|   |          |        | Providing, fitting & fixing of 50 mm UPVC  Non Return Valve do do all complete job as per direction of E/L   |    |
|   | 81.08    |        | Providing, fitting & fixing of 110 mm UPVC<br>Cowl do do all complete job as per direction of<br>E/L   |    |
|   |          |        | Providing, fitting & fixing of PVC 110 mm SWR<br>P- Trap - Valve do do all contplete job as per<br>direction of EA   |    |
|   |          |        |  |    |
| Ruppes soven<br>thousand three<br>inmitted<br>severny sight &<br>page 70'y four<br>only | 7,378,54 |        | Providing and fixing white vireous china pedestal type water closet (European type W.C. pan) of Make Jaquar with seat and lid, 10 litre low level white P. V.C. thushing cistern, including flush pipe; with manually controlled device (handle lever), conforming to 1S; 7231, with all fittings and fixtures do do all complete lob as per direction of son. |    |
|   | 3,814,62 |        | Providing and fixing of hindware counter wash basin of size 430 x 530 ram with all fitting and fixtures do do all complete joo as per direction of E/I.  |    |
| tripees one thanking the ten & pass thing   |          |        | Providing, fitting & fixing of CF Bib Cook two in one do do all complete job as per direction of E/L.  | TY |

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|    |         | Providing and fixing unplasticised -PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard  |        |       |        | Rupees one hundred fifty                     |
|----|---------|--|--------|-------|--------|--|
| 77 | 12.80.2 | wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing on cement mortar(1:4) 1 cement: 4corsa sand and making good the wall etc complete  | 45.00  | Each  | 157.37 | seven & paise<br>thirty seven<br>only.       |
|    |         |  |        |       | (II)   | 689,590.37                                   |
|    |         | Electrical Works   |        |       |        |  |
| 78 | 1.3     | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 Sq.Mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box etc. as required.        |        |       |        |  |
|    | 1.3.3   | Group C  | 250.00 | Point | 724.00 | Rupees seven<br>hundred twenty<br>four only. |
| 79 | 1.4     | Wiring for twin control light point with 1.5 Sq.Mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box etc. as required.                                      | 3.00   | Point | 755.00 | Rupees seven hundred fifty five only.        |
| 79 |         | Wiring for power plug with 2 x 4 Sq.Mm. FRLS PVC insulated, copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 no 4 Sq.Mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.         | 400.00 | Mtr.  | 200.00 | Rupees two hundred only.                     |
| 80 | 1.6     | Wiring for light/power plug with 4 x 4 Sq.Mm. FRLS PVC insulated, copper conductor single core cable in surface / recessed medium class PVC conduit along with 2 nos. 4 Sq.Mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | 125.00 | Mtr.  | 335.00 | Rupees three hundred thirty five only.       |
| 81 | 1.7     | Wiring for circuit / submain wiring alongwith earth wire with the following sizes of PVC insulated, copper conductor single core cable in surface/ recessed medium class PVC conduit as required.  |        |       |        |  |

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|   |        |     |        | Providing and fixing unplasticised -PVC pipe clip of approved design to unplasticised PVC rain water pipe by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including enting brick work and fixing on cement mortain [14). I cement decisal sand and making good the wall etc complete. |    |  |
|---|--------|-----|--------|---|----|--|
|   |        |     |        |   |    |  |
|   |        |     |        | Electrical Works  Wiring for fight point/shaps for fight point with 1.5 Sq.Mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, snitable GI box etc as required.  | 78 |  |
|   |        |     |        | Огонр С   |    |  |
| Rupees seven<br>hundred filty<br>five only. |        |     |        | Wiring for twin control tight point with 1.5 Sq.Mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, 2 way modular switch modular plate, suitable Gl box etc. as required   |    |  |
|   | 200.00 |     | 400.00 | Wiring for power plug with 2 x 4 Sq.Mm. FRLS PVC insulated, copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 no 4 Sq.Mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.  |    |  |
|   | 00.888 | Mil |        | Wiring for light-power plug with 4 x 4 Sq.Mm. FRLS PVC insulated, copper conductor single care cable in surface / recessed medium class PVC conduit along with 2 nos. 4 Sq.Mm. FRLS PVC insulated capper conductor single core cable for loop earthing as required.   |    |  |
|   |        |     |        | Wiring for circuit / submain wiring alongwith centli wire with the following-sizes of PVC usulated, copper conductor single core cable in surface/ recessed medium class PVC conduit as remained  |    |  |

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|     | 1.7.1  | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire.                                      | 50.00  | Mtr.   | 130.00   | Rupees one hundred thirty |
|-----|--------|--|--------|--------|----------|---------------------------|
|     |        |  |        |        |          | only.                     |
|     | 1.70   | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire.                                      | 450.00 | 2.0    | 161.00   | Rupees one                |
| 1   | 1.7.2  |  | 450.00 | Mtr.   | 161.00   | hundred sixty             |
|     |        | 2 - 6 - 2 - mars 1 1 - 6 - 2 - mars Fronth review                                |        |        |          | one only.                 |
|     |        | 2 x 6 sq.mm. + 1 x 6 sq.mm. Earth wire   |        |        |          | Rupees two hundred        |
|     | 1.7.4  |  | 80.00  | Mtr.   | 271.00   |                           |
|     |        |  | /      | /      |          | seventy one only.         |
|     |        | 2 x 10 sq.mm. + 1 x 10 sq.mm. Earth wire   |        |        |          |                           |
|     | 100    | Zara squama zara squama zara   | 65.00  | 3.6    | 202.00   | Rupees three              |
|     | 1.7.5  |  | 65.00  | Mtr.   | 382.00   | hundred eighty            |
|     | /      |  |        |        |          | two only.                 |
|     |        | 4 x 10 sq.mm. + 2 x 10 sq.mm. Earth wire   |        |        |          | Rupees five               |
|     | 1.7.12 |  | 35.00  | Mtr.   | 593.00   | hundred ninety            |
|     | 1.7.12 |  | 33.00  | TVIII. | 353.00   | three only.               |
|     |        |  |        | -      |          |                           |
|     |        | 4 x 16 sq.mm. + 2 x 16 sq.mm. Earth wire   |        |        |          | Rupees eight              |
|     | 1.7.13 |  | 10.00  | Mtr.   | 879.00   | hundred                   |
|     |        |  |        |        |          | seventy nine              |
|     |        | Supply and fixing of suitable size GI box with                                   |        |        |          | only.                     |
|     |        | modular plate and cover in front on surface or in                                |        | 1      |          |                           |
|     |        | recess including providing and fixing 3 pin 5/6                                  |        |        |          | Rupees three              |
| 82  | 1.31   | amps modular socket outlet and 5/6 amps.   | 65.00  | Each   | 362.00   | hundred sixty             |
|     |        | modular switch, connection etc. as required.                                     |        | _      |          | two only.                 |
|     |        | inodulai Switch, comiconon cic. as required.                                     |        |        |          |                           |
|     |        | Supply and fixing of suitable size GI box with                                   |        |        |          |                           |
|     | - E    | modular plate and cover in front on surface or in                                |        |        |          | Rupees four               |
| 83  | 1.32   | recess, including providing and fixing 6 pin 5/6                                 | 35.00  | Each   | 413.00   | hundred                   |
| 0.2 | 1.52   | & 15/16 amps modular socket outlet and 15/16                                     |        |        |          | thirteen only.            |
|     |        | amps. modular switch, connection etc. as   |        |        |          |                           |
|     |        | required.  |        |        |          | /                         |
|     |        | Supplying and fixing 20 amps, 240 volts, SPN,                                    |        |        |          |                           |
|     |        | industrial type socket outlet, with 2 poles and                                  |        |        |          |                           |
|     |        | earth metal enclosed plug top along with 20                                      |        |        | 1. 4     | Rupees one                |
| 84  | 2.25   | amps. "C" curve, SP MCB in sheet steel   | 01.00  | Each   | 1,912.00 | thousand nine             |
| 01  | 2.23   | enclosure, on surface or in recess, with chained                                 | 21.00  | Lateri | 1,512.00 | hundred twelve            |
|     |        | metal cover for the socket outlet, and complete                                  |        | /      |          | only.                     |
|     |        | with connections, testing and commissioning etc. as required. ( used for Ac box) |        |        | 134      | /                         |
|     |        | cic. as required. ( used for Ac box)   |        |        |          |                           |
|     |        |  |        |        |          |                           |

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|   | 161.00 |      | 150 00 |  |      |  |
|---|--------|------|--------|--|------|--|
| Rupees two<br>hundred<br>seventy one<br>only.       | 27100  |      |        | 2 x 6 sq.mm. + 1 x 0 sq.mm. Earth wire   |      |  |
| Empées these<br>modred eight<br>two only.           | 382.00 | Mir. | 65.00  | 2 x 10 sq.mm. + 1 x 10 sq.mm. Earth wire   |      |  |
| Rupees five<br>unideed ninet<br>three only.         |        | Mir. |        | 4 × 10 sq.mm. + 2 x 10 sq.mm. Earth wire   |      |  |
|   |        | Mtr  |        | 4 x 16 sq.mme+2 x 16 sq.mm. Earth wire   |      |  |
| Rupees three<br>handred sixe<br>two only            | 362.00 | Each |        | Supply and fixing of suitable size GI box with modular plate and cover in front on surface or in recess meluding providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps. modular switch, connection etc. as required.  |      |  |
|   |        | Bach |        | Supply and fixing of suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 16/16 anaps modular socket outlet and 15/16 amps, modular switch, connection etc. as required.   |      |  |
| Rupees one<br>drousand nin<br>aundred twelv<br>only |        | Each | 21.00  | Supplying and fixing 20 amps, 240 voits. SPN, industrial type socket outlet, with 2 poles and earth metal enclosed plug top along with 20 amps "C" curve, SP MCB in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet, and complete with connections, resting and commissioning etc. as required ( used for Ac box) | 2.25 |  |

|    |        |  |       |      |          | X-  |
|----|--------|--|-------|------|----------|---|
| 85 | 1.25   | Supply and fixing of stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.  | 40.00 | Each | 359.00   | Rupees three hundred fifty nine only.                 |
| 86 | 1.26   | Supply and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.   | 10.00 | Each | 26.00    | Rupees twenty six only.                               |
| 87 | 2.12.1 | Supplying and fixing 240 volts 'C' series, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.  6/ 32 amps. single pole   | 40.00 | Each | 192.00   | Rupees one hundred ninety two only.                   |
| 88 | 2.14   | Supplying & fixing single pole, blanking plate in the existing MCB DB complete etc. as required.   | 2.00  | Each | 13.00    | Rupees thirteen only.                                 |
| 89 | 2.17   | Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. |       |      |          |   |
| 90 | 2.17.1 | 16/25 amps.  | 3.00  | Each | 2,013.00 | Rupees two thousand thirteen only.                    |
| 91 | 2.17.2 | 40 amps.   | 3.00  | Each | 2,180.00 | Rupees two thousand one hundred eighty only.          |
| 92 | 2.18   | Supplying and fixing following rating, four pole, (three phase & neutral) 415 volts, residual current circuit breaker (RCCB), having a sensivity current upto 300 miliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required:          |       |      |          |   |
| 93 | 2.18.2 | 40 amps.   | 3.00  | Each | 2,620.00 | Rupees two<br>thousand six<br>hundred twenty<br>only. |
| 94 | 2.18.3 | 63 amps.   | 3.00  | Each | 2,941.00 | Rupees two thousand nine hundred forty one only.      |

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| Rapers three<br>Inuideed fifty                           | 359.00    |      |      | Supply and fixing of stepped type electronic tan regulator on the existing anodular plate switch box metading connections but excluding  |        | 8.8 |
|--|-----------|------|------|--|--------|-----|
| ame only.<br>Rupees twenty                               |           |      |      |  |        |     |
| six only.  |           |      |      |  |        |     |
| Rupces one<br>hundred ainety<br>two only.                | 00.581    | Fach |      | mimature circuit breaker suitable for inductive load of following poles in the existing McB DB complete with connections, testing and completesioning etc. as required:  o/ 32 amps. sm <sub>5</sub> le pole   |        |     |
| Ropees thirteen<br>only                                  | 13.00     |      |      | Supplying & focing single pole, blanking plate in the existing MCB. DB. complete etc. as required,   |        |     |
|  |           |      |      | Supplying and fixing following rating double pote (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. |        |     |
| Rupees two<br>thousand.<br>thirteen only                 | -2,013.60 |      |      |  |        |     |
| Pupees two thousand one hondred eights only              |           |      |      | JO smps.   | 2.17.2 |     |
|  |           |      |      |  |        |     |
| Rupees two<br>thousand six<br>bandred twenty<br>only     | 2,620.00  |      | 3.00 |  |        | 10  |
| Rippes two<br>thousand nine<br>hundred forty<br>one only | 2,941.00  |      |      |  |        |     |

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|     | I      | Supplying and fixing following way, surface   |      |      |          |   |
|-----|--------|---|------|------|----------|---|
| 95  | 2.10.4 | /recesses mounting vertical type 415 volts TP&N MCB distribution board of steel sheet for , complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required (But without MCB / RCCB / Isolators). | 3.00 | Each | 6,321.00 | Rupees six<br>thousand three<br>hundred twenty<br>one only. |
| 96  | 2.8.9  | Supplying and fixing following way single pole & neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus-bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 2 + 12 way. Double door   | 3.00 | Each | 1,315.00 | Rupees one thousand three hundred fifteen only.             |
| 97  | 2.15   | Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc.  |      |      |          |   |
| 98  | 2.15.1 | 40 Amps   | 3.00 | Each | 355.00   | Rupees three hundred fifty five only.                       |
| 99  | 2.15.2 | 63 Amps   | 3.00 | Each | 455.00   | Rupees four hundred fifty five only.                        |
| 100 | 2.16   | Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc.  |      |      |          |   |
| 101 | 2.16.1 | 40 Amps   | 3.00 | Each | 495.00   | Rupees four hundred ninety five only.                       |

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|  | · ·    |      |      |  |    |
|  |        |      |      | Supplying and fixing following raing four pole, 415 V. isolator in the existing MCB DB complete with connections, resting and  |    |
| Rupeus four<br>hundred fifty<br>five only                    |        |      |      |  |    |
|  | 355.00 |      |      | 40 Amps  |    |
|  |        |      |      | Supplying and fixing following rating, double pole, 240 V, isolator in the existing MGB DB complete with connections, testing and commissioning etc.   |    |
|  |        | Pach | 3.00 | Supplying and living following way single pole neutral, sheet steel. MCB distribution board, 240 volts, on surface, rocess, complete with tinned copper bus, neutral bus-bar, earth bar, din bar, interconnections, powder painted including attempt etc. as required (But without Carthing etc. as required (But without MCB/RCCB/Isolator)   | 96 |
| Roupees six<br>thousand three<br>tandred twenty<br>one only. |        | Each |      | Supplying and fixing following way, surface recesses mounting, vertical type 415 volts IP&N MCB distribution board of steel sheet for complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size IRLS PVC insulated copper conductor up to terminal blocks, timed copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder, painted including earthing etc. as required (But without MCB) RCCB / Isolators). |    |

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|-----|--------|---|--------|-----------|----------|----------------|
| 100 | 0.160  | 63 Amps   |        | 4         | =4600    | Rupees seven   |
| 102 | 2.16.2 |   | 3.00   | Each      | 746.00   | hundred forty  |
|     | -      |   |        |           |          | six only.      |
|     |        | Supplying and fixing following size / modules,  |        |           |          | _ /            |
|     |        | GI box along with modular base & cover plate  |        |           |          | Rupees one     |
| 103 | 1.27.1 | for modular switches in recess etc as required  | 35.00  | Each      | 180.00   | hundred eighty |
|     |        | 1 or 2 Module (75 mm x 75 mm)   |        |           |          | only.          |
|     |        |   |        |           |          |                |
|     |        | Supplying and fixing following modular switch /   |        |           |          |                |
| 104 | 1.24   | socket on the existing modular plate & switch   |        |           |          |                |
|     | /      | box including connections but excluding   |        |           |          | 1. 14 7. 15    |
|     |        | modular plate etc as required   |        |           |          |                |
| 10. | 1016   | Telephone Socket outlet   |        |           |          | Rupees one     |
| 105 | 1.24.6 |   | 25.00  | Each      | 108.00   | hundred eight  |
|     |        |   |        |           |          | only.          |
| 100 | 1015   | TV Antenna socket outlet  | 0.00   |           | 400.00   | Rupees one     |
| 106 | 1.24.7 |   | 25.00  | Each      | 102.00   | hundred two    |
|     | /      |   |        | /         |          | only.          |
|     |        | Supply and fixing of following sizes of medium  |        |           |          |                |
| 105 | 1 01   | class PVC conduit along with accessories in   |        |           |          |                |
| 107 | 1.21   | surface/recess including cutting the wall and   |        |           |          |                |
|     | /      | making good the same in case of recessed  |        |           |          |                |
|     |        | conduit as required :   |        |           |          | 7              |
| 108 | 1.21.1 | 20 mm.  | 50.00  | Mtr.      | 68.00    | Rupees sixty   |
|     |        | 25  |        |           |          | eight only.    |
| 109 | 1.21.2 | 25 mm.  | 50.00  | N // 4-11 | 70.00    | Rupees seventy |
| 109 | 1.21.2 |   | 50.00  | Mtr.      | 79.00    | nine only.     |
| -   |        | 32 mm.  |        | 1         |          |                |
| 110 | 1.21.3 | 52 mm.  | 50.00  | Mtr.      | 92.00    | Rupees ninety  |
| 110 | 1.21.5 |   | 30.00  | Mu.       | 92.00    | two only.      |
|     |        | Supply and drawing following pair, 0.5 sq.mm.   |        |           |          |                |
|     | 1.00   | FRLS PVC insulated annealed copper conductor,   |        |           |          |                |
|     |        |   |        |           |          | Rupees         |
| 111 | 1.16.2 | unarmoured telephone cable in the existing surface / recessed steel/ PVC conduit as required. | 100.00 | Mtr.      | 18.00    | eighteen only. |
|     |        |   |        |           |          | eignicen only. |
|     |        | 2 Pair  |        |           |          |                |
|     |        | Earthing with GI earth plate 600mm x 600 mm x   |        |           |          |                |
|     |        | 6mm thick including accessories and providing   |        |           |          | Rupees three   |
|     |        | masonary enclosure with cover plate having  |        |           |          | thousand seven |
| 112 | 3.3    | locking arrangement and watering pipe of 2.7  | 1.00   | Set       | 3,785.00 | hundred eighty |
|     | /      |   |        |           |          | five only.     |
|     |        | metre long etc, with charcoal/ coke and salt as   |        |           |          | Tive only.     |
|     |        | required.   |        |           |          |                |

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| Supplying and fixing following size / modules.  CI box along with modular base & cover plate for modular switches in access etc as required.  I or 7 Module (75 mm x 75 mm)  |        |     |
| Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc as required  |        | 104 |
|  |        |     |
| TV Antenna socket outlet 25.00 Each 102.00   | 1,24.7 | 301 |
| Supply and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required;   |        | 107 |
|  |        |     |
| 25 mm. , 50.00 Mir. 79.00 E  |        | 601 |
| 32 mm.<br>50.00 Nit. 92.00   | 1.21.3 |     |
| Supply and drawing following pair, 0.5 sq.mm.  FRLS PVC insulated annealed copper conductor, marmoured telephone cable in the axisting 100.00 Mir. 18.00 surface / recessed steel/ PVC conduit as required.  2 Pair  |        | 111 |
| Sarthing with CI earth plate of 00mm x 500 mm x 500mm thick including accessories and providing masonary enclosure with cover plate having 1.00 Set 3.785.00 coking arrangement and watering pipe of 2.7 near long etc. with charcoal/ coke and salt as confired |        |     |

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| 119 |        | of EI.   | 5.00   | Each | 4,413.70 | hundred<br>thirteen & paise<br>seventy only. |
|-----|--------|--|--------|------|----------|--|
|     |        | Supplying ,installing of crompton LCPL -36-<br>CDL(2X2) square 36 watt LED recessed<br>mounted , do do all complete job as per direction   |        | ,    |          | Rupees four thousand four                    |
|     | /      | required Upto 450 mm sweep   |        |      |          | eight only.                                  |
| 118 | 1.50.1 | Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as  | 11.00  | Each | 198.00   | Rupees one hundred ninety                    |
| 117 | 1.45   | length (upto 30 cm.) with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required   | 45.00  | Each | 119.00   | Rupees one hundred nineteen only.            |
|     |        | and earthing etc. as required.  Installation, testing and commissioning of ceiling fan including wiring the down rod of standard   |        |      |          |  |
| 116 | 1.41   | wired, flourescent fitting / compact fluorescent fitting of all types, complete with all accessories and tubes etc. directly on ceiling / wall, including connection with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable  | 150.00 | Each | 84.00    | Rupees eighty four only.                     |
|     | /      | Installation, testing and commissioning of pre-  |        |      |          |  |
| 115 | 3.16   | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as  | 50.00  | Mtr. | 38.00    | Rupees thirty eight only.                    |
| 114 | 3.11   | Providing and fixing 25 mm x 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.  | 20.00  | Mtr. | 487.00   | Rupees four<br>hundred eight<br>seven only.  |
| 113 | 3.8    | Supplying and laying 25 mm x 5 mm. G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm) | 20.00  | Mtr. | 898.00   | Rupees eight<br>hundred ninet<br>eight only. |

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| Ruplers eight<br>hundlied einefy<br>e-glat only. | 90,808 |      |        | Supplying and laying 25 nm. x 5 nm. Gill smin at 0.50 metre below ground as strip curts slectrode, including connection? terminating with G. L. not, boll, staing washer etc. as connect (Jointing shall be done by overlapping that with 3 sets of G.L. not bolt & spring washer spaced at 50mm).   |      |
|--|--------|------|--------|--|------|
|  |        |      | 00.00  | Providing and fixing 25 nm x 5 nm G I, strip in 40 may dia G.I. pine from auth electrode including councerion with G.I. put, bolt, springs washer excuvation and re-tilling etc. as required.  |      |
|  |        |      |        |  |      |
|  |        |      |        | Installation, testing and commissioning of pre-<br>whed, flourescent riting / compact fluorescent<br>fluing of all types, complete with all accessories<br>and tubes etc. directly on ceiling / wall, including<br>connection with 1.5 sq. min. FRLS PVC<br>insulated, copper conductor, single core cable<br>and earthing etc. as required. |      |
| Rupces one<br>bundred<br>nineteen only.          |        | Fach |        | Installation, testing and commissioning of coiling fan including wiring the down rod of standard length (upto 30 cm.) with L5 sq. mm. PPLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as  | 7117 |
|  |        | does | -00,11 | Installation of exhaust fan in the existing opening, including making good the damage, commissioning etc. as required.  Upto 450 mm sweep.   |      |
|  |        |      |        |  |      |

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| T   | ELECTRIL PANELS   |      |      |            |   |
|-----|---|------|------|------------|---|
| 120 | Design,manufacturing,assembling,wiring,supply,installatio n,testing and commissioning of the following extensible cubicle type indoor mounting,dead front,fully compartementalised with hinged lockable detachable from& backl openable,dust and vermin proof,floor mounting sheet steel clad switchboard fabricated out of 2 mm thick CRCA powder coated sheet steel suitable for use at 415 volt 3 phase 4wire 50 cycle system,BMS Compiatable and to withsatans a symmetrical fault level of below mentioned kA at 415 volt. panels shall be fabricated in easily transportable sections,length,height,depth etc.to match with site condition,complete in all respect. |      |      |            |   |
|     | INCOMER:-   |      |      |            |   |
|     | 1 Nos.160 Amps. TPN MCCB(25 KA) Breaking capacity.  |      |      |            |   |
|     | 1 Set of RYB phase Indication lamps with suitable rating MCB  |      |      |            |   |
|     | 1 Set of ON/OFF Indication lamps along with 2A SP MCB backup protecting.  |      |      |            | · ·   |
|     | 1 set Digital Ampere meter with suitable rating CT and selector switch  |      |      |            |   |
|     | 1 set Digital Volt meter with suitable rating MCBs and selector switch  |      |      |            |   |
|     | Busbar  |      |      |            |   |
|     | Electrolytic high conductivity aluminium three phas and neutral busbars rated at 415V, 125 amps,35 kA,insulated with heat shrinkable coloured PVC sleeves & clip on shrounds for joints. The busbar sizing calculations shall be  |      |      |            |   |
|     | sumitted for approval, considering all derating factors.  3 Nos. 40 Amps. TPN MCCB(16 KA) with  |      |      |            |   |
|     | electronic releases.  |      |      |            |   |
|     | Outgoings   |      |      |            |   |
|     | 1) 4 No.40 amp FP MCB of 10 kA breaking capacity. 2) 5 No.63 amp FP MCB of 10 kA breaking   |      |      |            |   |
|     | capacity.   |      |      |            |   |
|     | TOTAL COST OF MAIN LT PANEL   |      |      |            |   |
|     |   | 2.00 | Each | 109,980.00 | Rupees one lac<br>nine thousand<br>nine hundred<br>eighty only. |
|     |   |      |      | (III)      | 939,777.50  |

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|                |             |  | ELECTRIL PANELS                                    |  |  |
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|                |             |  |  |  |  |
|                |             |  | ease at 415 volt 3 phase 4wire 50 cycle system BMS |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  | match with site condition complete in all respect. |  |  |
|                |             |  |  |  |  |
|                |             |  | Thirty and the second                              |  |  |
|                |             |  | INCOMER:-  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  | 1 Set of RYB pluse Indication lamps with           |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  | I set Digital Volt meter with suitable rating      |  |  |
|                |             |  | MCBs and selector switch                           |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  | amps,35 kA, insulated with heat shrinkable         |  |  |
|                |             |  |  |  |  |
|                |             |  | joints. The busbar sizing calculations shall be    |  |  |
|                |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  | 3 Nos. 40 Amps. TPN MCCB(16 KA) with               |  |  |
| 71.5           |             |  |  |  |  |
|                |             |  |  |  |  |
|                |             |  | 1) 4 No.40 amp FP MCB of 10 kA breaking            |  |  |
|                |             |  |  |  |  |
|                |             |  | 2) 5 No.63 amp FP MCB of 10 kA breaking            |  |  |
|                |             |  |  |  |  |
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| Rapeer one lac |             |  |  |  |  |
|                | William Co. |  |  |  |  |
| berbruni anin  |             |  |  |  |  |
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Contract Amount of Contract

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|     | 1.757 | AC Works   |       |        |             |                              |
|-----|-------|--|-------|--------|-------------|------------------------------|
|     |       | Supplying, Installing, Testing, Commissioning of 1.5 T inverter AC including appropriate |       |        |             | Rupees sixty four thousand   |
| 121 | QR    | stabilizer complete setup of approved brand  | 12.00 | Each   | 64,900.00   | nine hundred                 |
|     | /     | (Daikin/Carrier/Hitachi/Voltas) do do all complete job as per direction of E/I.          |       |        |             | only.                        |
|     |       | Supplying, Installation, Testing & Commissioning of Refregent pipe 5/8 and 1/4           |       |        |             | Rupees one                   |
| 122 | QR    | copper tube with nytral rubber tube insulated  | 24.00 | Mtr.   | 1,585.00    | thousand five hundred eighty |
|     | /     | including 3 core 2.5 sqmm copper wire do do all complete iob as per direction of E/I.    |       |        |             | five only.                   |
|     | -7 4  |  |       |        | (IV)        | 816,840.00                   |
|     |       |  |       | (A)=(I | +II+III+IV) | 8,693,785.58                 |
|     |       |  |       |        | (A)=Say Rs. | 8,693,786.00                 |

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Proprietor

Chief Eng near

B.S.E.I.D.C. Ltd, Patrie

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| Rupces sorty<br>four thousand<br>nine hundred<br>only |  | Supplying, Installing, Testing, Commissioning of 1.5. To inverter AC including appropriate stabilizer complete setup of approcyed brand (Darkin/Cecrier/Hitachi/Voltas) do do all complete job as per direction of E/L. | 30<br>T |  |
|---|--|---|---------|--|
|   |  | Supplying, Insullation, Testing & Commissioning of Refregent pipe 5/8 and 6/4 copper tube with nytral rubber tube insulated including 3 core 2.5 squan copper wire do do all countlere job as nor direction of E.f.     |         |  |
|   |  |   |         |  |
|   |  |   |         |  |
|   |  |   |         |  |

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Appendix galaxy from \$100 and \$100 and

### BOQ for Renovation of Guest House Building at BSEB Office, Patna

(PART-B) Item Rate Basis (Non Sheduled Item)

## RATE TO BE QUOTED IN DIGITS & WORDS IN EACH ITEM OF THE WORK MENTIONED BELOW

Name of the Contractor/ Bidder

| 1 WHILE OF THE COURT METORY AND COLOR                | 001122222222   |
|--|--|
| Address, E-mail and Mobile No. of Contractor/ Bidder | FLAT NO. 402, 4TH FLOOR, YAMUNA BLOCK,<br>ALALPURCITY, PATNA, MOB. NO. 9931688445, email id-<br>anil1970sharma@gmail.com |

| SI.No |    | Description of Items   | Unit | Qty. | Rate<br>(In Digit) | Rate<br>(In Words)                  |  |  |
|-------|----|--|------|------|--------------------|-------------------------------------|--|--|
|       |    | Non Schedule Items of Work, for which tenderer have to quote Item wise rate.   |      |      |                    |                                     |  |  |
| 1     | NS | Supplying, Installing, Testing, Commissioning of Sony KLV-32W672F 32 inch Full HD Smart LED TV complete setup of approved brand do do all complete job as per direction of E/I.  | 8    | Each | 36500.00           | THIRTY SIX THOUSAND FIVE<br>HUNDRED |  |  |
| 2     | NS | Supplying, Installing, Testing, Commissioning of Powermax Fitness TDM-125S 2.0 HP Smart Run Function Auto Lubrication Motorized Treadmill complete setup of approoved brand do do all complete job as per direction of E/I.  | 1    | Each | 41000.00           | FORTY ONE THOUSAND                  |  |  |
| 3     | NS | Supplying, Installing, Testing, Commissioning of IFB 6.5kg Fully Automatic Front Loading Washing Machine (Senorita Aqua SX - 6.5 KG) complete setup of approved brand do do all complete job as per direction of E/I.  | 1    | Each | 10000.00           | TEN THOUSAND                        |  |  |
| 4     | NS | Supplying, Installing, Testing, Commissioning of KENT Grand 8-Litres WallMountable RO + UV/UF + TDS Water Purifier complete setup of approoved brand do do all complete job as per direction of E/I.   | 1    | Each | 15000.00           | FIFTEEN THOUSAND                    |  |  |
| 5     | NS | Supplying, Installing, Testing, Commissioning of powermax 6 stations in this gym are -Butterfly, Leg Squat - a) Squat Press b) Calf Raise, Hip Flexor - a) Hip Flexor b) Dipping, T wist er, Pushup St and, a) High Lat Pulley b) Seat ed Chest Press c) T ricep Ext ension d) Leg Curl e) Leg Rowing h) Chest Press i) Shoulder Press j) Single Hand Pulley. complete setup of approved brand do do all complete job as per direction of E/I. | 1    | Each | 157000.00          | ONE LAKH FIFTY SEVEN<br>THOUSAND    |  |  |

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|---|---------------|--------|--------|--|--------|-----|
|   | heduled item) |        | asis ( | (PART-B) item Rate B   |        |     |
|   |               |        |        | BE QUOTED IN DIGITS & WORDS  |        | RAT |
| A CONSTRUCTION  |               |        |        |  |        |     |
| H FLOOR, YAMUNA SEOCK,<br>YA, MÜB, NO. 9921688145, email ld-<br>bhurmaeigesth.com |               |        |        | E-mail and Mobile No. of Contractor  | iress, |     |
| Finite<br>(III Words)   |               |        |        | Description of Items   |        |     |
|   |               |        |        | Non Schedule Items of Work, for which tenderer have to quote Item wise rate.   |        |     |
|   | 00,60255      |        |        | Supplying, Installing, Testing, Commissioning of Sony KLV-32W672F 32 inch Full HD Smart LED TV complete setup of approved brand do do all complete job as per direction of E/I.  |        |     |
|   |               | Each   |        | Supplying, Installing, Testing, Commissioning of Powermax Fitness TDM-125S 2.0 HP Smart Run Function Auto Lubrication Mororized Treadmill complete setup of approoved brand, do do all complete job as per direction of E/I.   |        |     |
|   |               |        | Ĩ      | Supplying, Installing, Testing, Commissioning of 1FB 6.5kg Fully Automatic Front Loading Washing Machine (Senorita Aqua SX - 6 5 KG) complete setup of approved brand do do all complete job as per direction of E4.   |        |     |
|   | 00:000<       |        |        | Supplying Installing Testing Commissioning of KENT Grand 8-Litres WallMountable RO + UV/UF + TDS Water Purif ier complete setup of approaved brand 'do do all complete job as per direction of E/I.  |        |     |
|   | 00.000781     |        | ken    | Supplying, Installing, Tasting, Commissioning of powermax 6 stations in this gym ace Butterfly, Leg Squat - a) Squat Press b) Calf Raise. Hip Flexor - a) Hip Flexor b) Dipping, T wist ac, Pushop St and, a) High Lat Pulley b) Scat ed Chest Press c) I ricep Ext ansion d) Leg Curl c) Leg Rowing h) Chest Press I) Shoulder Press I) Single Hand Pulley, complete semp of approved brand do do all complete job as per direction of E/I. |        |     |

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| 6  | NS | Supplying, Installing, Testing, Commissioning of Samsung 255 Li tre Top Freezer Refri gerator (RR26N389YU8) complete setup of approved brand do do all complete job as per direction of E/I. | 1  | Each | 41000.00 | FORTY ONE THOUSAND        |
|----|----|--|----|------|----------|---------------------------|
| 7  | NS | Supplying, Installing, Testing, Commissioning of Samsung MC35J8085PT 35 Li tre Convecti on Microwave complete setup of approved brand do do all complete job as per direction of E/I.        | 1  | Each | 10000.00 | TEN THOUSAND              |
| 8  | NS | Supplying, Installing, Testing, Commissioning of Voltas Stainless Steel Water Cooler, 80L complete setup of approved brand do do all complete job as per direction of E/I.                   | 1  | Each | 40000.00 | FORTY THOUSAND            |
| 9  | NS | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuari /Durian make enduro<br>N 15 king bed do do all complete job as per<br>direction of E/I.  | 8  | Each | 25000.00 | TWENTY FIVE THOUSAND      |
| 10 | NS | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuari /Durian make enduro<br>N 15 king bed side do do all complete job as<br>per direction of E/I.                                       | 16 | Each | 25000.00 | TWENTY FIVE THOUSAND      |
| 11 | NS | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make enduro N 15 3 door wardrobe table do do all complete job as per direction of E/I.  | 8  | Each | 8000.00  | EIGHT THOUSAND            |
| 12 | NS | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make enduro N 15 dressing table do do all complete job as per direction of E/I.   | 8  | Each | 10500.00 | TEN THOUSAND FIVE HUNDRED |
| 13 | NS | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Rio Plus three seater sofa set do do all complete job as per direction of E/I.   | 2  | Each | 27000.00 | TWENTY SEVEN THOUSAND     |
| 14 | NS | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Glazed coffee table do do all complete job as per direction of E/I.  | 2  | Each | 6000.00  | SIX THOUSAND              |
| 15 | NS | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Reception Table Triple Arch with D.L. Top do do all complete job as per direction of E/I.                                | 1  | Each | 35000.00 | THIRTY FIVE THOUSAND      |
| 16 | NS | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuari /Durian make Bravo<br>Mid Back Chair do do all complete job as per<br>direction of E/I.  | 2  | Each | 8000.00  | EIGHT THOUSAND            |
| 17 | NS | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuari /Durian makeGrande<br>dinning table do do all complete job as per<br>direction of E/I.   | 3. | Each | 25000.00 | TWENTY FIVE THOUSAND      |

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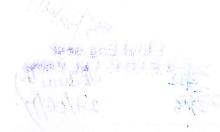
|               |      |    | Supplying, Installing, Testing Commissioning of Sumsung MC3 51508 5PT 35 Li tre Convecti on Microwave complete setup of approved brand do do all complete job as per direction of E/1 |    |  |
|---------------|------|----|---|----|--|
| FOLLY HOUSAND |      |    | Supplying, Installing, Testing, Commissioning of Voltas Stainless Steel Water Cooler, 801. complete somp of approved brand, do do all complete job as per direction of E/L.           |    |  |
|               |      |    |   |    |  |
|               |      | 61 | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuań /Durian make enduro<br>N 15 king bed side do do all complete job as<br>per direction of E3                                   |    |  |
|               |      |    | Supplying & Installing of Godrey/<br>Methodex/Wipro/Zumi/Durian make enduro<br>N 15 3 door wardrobe table do do all<br>complete job as per direction of E/I.                          |    |  |
|               | Each |    | Supplying & Installing of Godrej/ Niethodes/Wipro/Zuan /Durian make enduro N 15 dressing table do do all complete job as per direction of E/L   |    |  |
|               | Each |    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Rio Plus three searer sofa set do do all complete job as per direction of E/A.                                    |    |  |
|               |      |    | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuari /Durian make Glazed<br>coffee table do do all complete job as per<br>direction of E/I.                                      |    |  |
|               | Each |    | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zueri /Durian make<br>Reception Table Triple Area with D.L. Top<br>do do all complete job as per direction of E/I.                | SN |  |
|               |      |    | Supplying & Installing of Godraj/<br>Methodex/Wipro/Zuari /Durian make Bravo<br>Mid Back Chair do do all complete job as per<br>direction of P.1.                                     |    |  |
|               |      |    | Supplying & Installing of Godiel/<br>Methodox/Vipro/Zuari/Durian malceGrande<br>dinning table do do all complete job as per<br>direction of EA.                                       |    |  |

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| 18   | NS    | Supplying & Installing ofGodrej/ Methodex/Wipro/Zuari /Durian makeGrande dinning chair do do all complete job as per  | 18 | Each      | 3500.00                                | THREE THOUSAND FIVE<br>HUNDRED                 |
|--|-------|---|----|-----------|--|--|
|  |       | dinning chair do do all complete job as per direction of E/I.   | ·  | /         |  |  |
| 19   | NS    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make matress of size 78" x 72" x 4"model ortho regular do  | 8  | Each      | 15000.00                               | FIFTEEN THOUSAND                               |
|  |       | do all complete job as per direction of E/I.  | Ĺ  |           |  |  |
| 20   | NS    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make double bedsheet do do all complete job as per direction of E/I.                             | 8  | Each      | 1250.00                                | ONE THOUSAND TWO HUNDRE                        |
| 21   | NS    | Supplying & Installing of Godrej/<br>Methodex/Wipro/Zuari /Durian make pillow<br>do do all complete job as per direction of E/I.                                | 8  | Each      | 300.00                                 | THREE HUNDRED                                  |
| 22   | NS    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make UNO study table do do all complete job as per direction of E/I.                             | 8  | Each      | 5000.00                                | FIVE THOUSAND                                  |
| 23   | NS    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Poise chair do do all complete job as per direction of E/I.                                 | 8  | Each      | 5000.00                                | FIVE THOUSAND                                  |
| 24   | NS    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Storwel Plain with 4 Shelves do do all complete job as per direction of E/I.                | 1  | Each      | 20000.00                               | TWENTY THOUSAND                                |
| 25   | NS    | Supplying & Installing of Godrej/ Methodex/Wipro/Zuari /Durian make Steel MF System of size 6'x36"x1S" with SiK do do all complete job as per direction of E/I. | 2  | Each      | 5000.00                                | FIVE THOUSAND                                  |
|  |       |   |    |           | Total Part B Amount<br>(Rs) in Digit = | 1851400  |
|  |       |   |    |           |  |  |
| OTE:   |       | ne Required Columns of the Financial Bid shall in. Rate to be filled both in the Digit & Word.  |    | ly filled | Total Part B Amount<br>(Rs) in Word =  | EIGHTEEN LAKH FIFTY ON<br>THOUSAND FOUR HUNDRE |
|  |       | Γ-A (SOR -ITEM)   |    |           |  |  |
|  |       | UNT (RS) EXCLUDING 10.00% BELOW   |    |           |  | 51,91,464/- 78,24,407                          |
| The second secon |       | Y-B (NS ITEM)<br>UNT (RS)   |    | -         |  | 4,98,525/- 18,51,400/-                         |
|  | Aivio | AMOUNT (RS) (PART-A +PART-B)  |    |           |  | 56,89,989/- 96,75,807/-                        |

Below BOQ Rate & PART-B @ Item Rate basis i.e total amount comes to RS. 96,75,807/- (Rs. Ninety Six Lac

Seventy Five Thousand Eight Hundred Seven Only)

Sonbhadra Construction .

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|  |  | Supplying & tristalling of Godrej/<br>Metabodes WignorZuen (Dorlan make double<br>bedsheer do do all complete job as per<br>phrection of E/I.                  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | Supplying & Installing of Godrej/ Methodox/Wipro/Zuari /Durian make Steel MF System of size 6'x36"x1S" with SiK do do all complete job as per direction of E/L |  |
|  |  |  |  |
|  |  |  |  |
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Render approved in favour of Sambhadra Construction for PART-A @ 10.08 % (Tea Bectanal Zeen Zeen Percent)

Below BOQ Rate & PART-B @ Item Rate basis i.e total amount comes to RS. 95.75.807/- (Rs. Ninety Six Lac

Sevents Five-Thousand Eight Hundred Seven Only)

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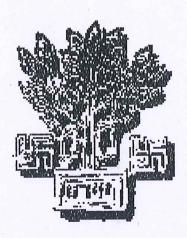
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## **GOVERNMENT OF BIHAR**

# STANDARD BIDDING DOCUMENT PROCUREMENT OF CIVIL WORKS

Sonbhadra Construction

An'l Kumar Sharma

Proprietor

Chief Eng neer

B.S.E.I.D.C. Lid, Patria

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## BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

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Seal and Signature of Tenderer

Proprietor

Chief Eng neer
B.S.E.I.D.C. Ltd, Patna
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## STANDARD BIDDING DOCUMENT

## PROCUREMENT OF CIVIL WORKS

Sonbhadra Construction

And Kumar Shina

Proprietor

Chief Eng neer
B.S.E.I.D.C. Ltd, Patna

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## BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. (A Govt. Of Bihar Undertaking)

Shiksha Bhawan, Bihar Rastrabhasa Parishad Campus Acharya Shiv Pujan Sahay Path, Saidpur, PATNA-800004.

#### NATIONAL COMPETITIVE BIDDING

NAME OF WORK: Renovation of Guest House Building at BSEB Office, Patna.

| SI . No. | <u>District</u> | Name of Building   |
|----------|-----------------|--------------------|
| 2        | Patna           | BSEB Office, Patna |

2. PERIOD OF CONSTRUCTION : 6 Months.

3. DATE OF ISSUE OF NOTICE

INVITING BID : 24.12. 2018

4. PERIOD AND PLACE OF SALE : FROM: 15-01-2019 To 29-01-2019, 15.00 Hours

OF BID DOCUMENT on Website: www.eproc.bihar.gov.in

5. TIME, DATE AND PLACE OF : TIME : 16:00 HOURS, Date : 21-01-2019, in the PRE- BID MEETING office of Managing Director, BSEIDC, Patna.

6. LAST DATE AND TIME FOR : DATE : 30-01-2019,TIME; 15:00 HOURS RECEIPT OF BIDS on Website : www.eproc.bihar.gov.in

7. LAST DATE AND TIME FOR : DATE : 31-01-2019,TIME; 15:00 HOURS RECEIPT OF EARNEST MONEY on Website : www.eproc.bihar.gov.in

8. \*TIME AND DATE OF OPENING : DATE : 31-01-2019, TIME: 16:30 HOURS TECHNICAL BIDS on Website : www.eproc.bihar.gov.in

9. \*TIME AND DATE OF OPENING : DATE : 05-02-2019, TIME: 15:30 HOURS FINANCIAL BIDS on Website : www.eproc.bihar.gov.in

10. PERIOD OF BID VALIDITY : 120 Days.

11.OFFICER INVITING BIDS: Chief Engineer, BSEIDC, Patna

\*Should be the same as for the deadline for receipt of bids or promptly thereafter.

Chief Eng neer B.S.E.I.D.C. Ltd, Patne

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INVITATION FOR BID (IFB)

Sonbhadra Construction

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Chief Eng neer

B.S.E.I.D.C. Ltd, Patna



# बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम निनिटेड BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

(A Govt. of Bihar Undertaking) ISO 9001:14001; OHSAS 18001

Shiksha Bhawan, Bihar Rashtrabhasha Parishad Campus, Acharya Shivpujan Sahay Path, Saidpur, Patna - 800 004 Tel. No.: 0612 - 2660850 • Fax No.: 0612 - 2660256

E-mail : bseidc@gmail.com • Website : http://www.bseidc.in • CIN : U80301BR2010SGC015859

# निविदा आमंत्रण सूचना संख्या-92 वर्ष 2018-19

प्रतिशत वर निविदा (SBD आधारित)

(केवल ई-टेन्डिरिंग पद्धति के अनुसार वेबसाइट www.eproc.bihar.gov.in पर)

बिहार राज्य के अन्तर्गत विभिन्न विद्यालयों में भवन का कार्य हेतु प्रतिशत दर निविदा आमंत्रित की जाती है। कोई भी संवेदक जो केन्द्रीय/राज्य सरकार/सार्वजनिक क्षेत्रों में निबंधित हो, निविदा में भाग ले सकते हैं परन्तु इस निगम का रिजस्ट्रेशन, जक्त कार्य का लेटर ऑफ एक्सेपटेंस प्राप्त होने के बाद कराना होगा।

| क्रo<br>संo | विद्यालय का नाम  | प्राक्कलि<br>त राशि<br>(लाख<br>रुठमें) | अग्रधन की<br>राशि (फo<br>में) | परिमाण<br>विपत्र<br>का मूल्य<br>(रू० में) | Beltron Bid<br>Processing Fee<br>(In Rs.) | कार्य<br>समाप्ति की<br>अवधि |
|-------------|--|--|-------------------------------|---|---|-----------------------------|
| 1           | बिहार विद्यालय परीक्षा<br>समिति, पटना मुख्यालय में<br>रिथत भंडार प्रशाखा के<br>जीर्णोद्वार का कार्य।               | 100.12                                 | 2.03                          | 10,000/                                   | As appeared one e-tendering website       | 06 माह                      |
| 2           | बिहार विद्यालय परीक्षा<br>समिति, पटना मुख्यालय में<br>स्थित अतिथि गृह के<br>जीर्णोद्वार एवं फर्निसिंग का<br>कार्य। | 112.90                                 | 2.26                          | 10,000/                                   | As appeared one e-tendering website       | 06 माह                      |

नोटः— (I)प्राक्कलित राशि घंट या बढ़ सकती है एवं तद्नुसार अग्रधन की राशि घंट या बढ़ सकती है। (II) वेबसाईट:-www.eproc.bihar.gov.in पर अंकित अग्रधन की राशि अंतिम रूप से मान्य होगा।

- (1) विज्ञापन निर्गत करने की तिथि
- (2) परिमाण विपन्न प्राप्त करने(डाउनलोड) की अवधि एवं समय
- (3) प्री बिड मीटिंग का समय, स्थान एंव तिथि
- (4) निविदा प्राप्ति(अपलोड) की अंतिम तिथि एवं समय
- :- दिनांक:-24.12.2018
- :- दिनांक- 15.01.2019 से 29.01.2019, 15:00 घंटा तक (वेबसाईट:www.eproc.bihar.gov.in पर)
- :— दिनांक:— 21.01.2019, 16:00 घंटा तक, प्रबंध निदेशक का कार्यालय, बिहार राज्य शैक्षणिक आधारभूत संरचमा विकास निगम, पटना।
- :- दिनांक- 30.01,2019 समय- 15:00 घंटा तक

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Chief Eng neer

B.S.E.I.D.C. Lid, Patrie

Seal and Signature of Tenderer
Proprietor

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(8) निविदा खोलने का स्थान

वेथसाईट--www.eproc.blhar.gov.lnपर

(9) निविदा की वैधता की अवधि

:-- 120 दिन

(10) ई—टेन्डिएंग की प्रकिया में भाग लेने हेतु संवेदकों को पंजीकृत होना होगा, जिससे कि उन्हें उपयोगकर्ता का नाम (user ID) पासवर्ड (Password) अंकीय हरताक्षर (Digital Signature) निर्गत की जायेगी। यह उन्हें वेबसाईट www.eproc.bihar.gov.in से डाउनलोड करने/टेन्डर की प्रक्रिया में भाग लेने की योग्यता प्रदान करेगा।

(11) ई-निविदा पत्र येवसाईट www.eproc.blhar.gov.ln से प्राप्त किया जा सकता है। संवेदक द्वारा सिर्फ उपयुंक्त वेबसाईट से ही परिमाण विपन्न प्राप्त करने के उपरांत वेबसाईट पर ही इलेक्ट्रानिक निविदा पत्र को भरकर भेजना है। अन्य सभी महत्वपूर्ण कागजात/बैंक झापट/अग्रधन की राशि/सभी प्रमाण पत्र जो निविदा के लिए आवश्यक है को स्कैन कर ई-निविदा के साथ संलग्न करना अनिवार्य है।

(12) (3) Beltron Bid Processing Fee as appeared on the e-tendering website: <a href="www.eproc.bihar.gov.in">www.eproc.bihar.gov.in</a> & BOQ cost as mentioned is mandatory to be paid through e-payment mode i.e. Internet payment gateway, (Credit/Debit card), Net Banking, NEFT/RTGS"

Bids along with necessary online payments must be submitted through e-procurement portal www.eproc.bihar.gov.in before the date and time specific in the NIT/Corrigendum. The department doesn't take any responsibility for the delay/Non submission of Tender/ Non Reconciliation of Online payment caused due to Non-availability of Internet Connection, Network Traffic/ Holidays or any other reason. ऐसा नहीं करने पर निविदा मान्य नहीं होगा।

(ख) वांछित अग्रधन की राशि राष्ट्रीय बचत पत्र/डाकघर सावधि जमा 3 वर्षीय या 5 वर्षीय पासबुक जो बिहार राज्य से क्रय या जमा किया हो, प्रबंध निदेशक, BSEIDC Ltd., पटना के नाम प्रतिज्ञिप्त (Pledged) हो अथवा बिहार वित्त नियमावली के अनुसार BSEIDC Ltd. के नाम से फिक्सड डिपोजिट रिसिप्ट अथवा बैंक गारन्टी जो बिंड के मान्य अवधि तक के लिए बिहार अवश्थित किसी राष्ट्रीयकृत/अनुसूचित बैंक से निर्गत हो (अगर बिहार प्रान्त के बाहर के बैंक से निर्गत बैंक से निर्गत किया जाना होगा) के रूप में प्रबंध निदेशक का कार्यालय, बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड, पटना में दिनांक 31.01.2019 के 15:00 धंटे तक रचयं/निबंधित डाक /स्पीड पोस्ट द्वारा निश्चित रूप से जमा किया जाना आवश्यक है अथवा EMD can also be paid through e-payment mode i.e. "Internet payment gateway, (Credit/Debit card), Net Banking, NEFT/RTGS", ऐसा नहीं करने पर निविदा मान्य नहीं होगा।

(13) निविदाकारों द्वारा इस्तेमाल किये जा रहे इन्टरनेट सर्विस में किसी प्रकार का व्यवधान उत्पन्न होने पर कोई भी दावा मान्य नहीं होगा। निविदाकारों को सलाह दी जाती है कि अपने निविदा को समय रहते उपर्युक्त वेबसाइट पर अपलोड कर लें। ताकि अंतिम समय में होनेवाले किसी प्रकार के व्यवधान से बच सकें।

(14) निविदाकार निविदा डालने से पहले अपने स्तर से भी प्रस्तावित कार्य स्थल पर भूमि उपलब्धता के संबंध में आश्वरत हो लेगे।

(15) Even though the bidders meet the qualifying criteria, they are subject to be disqualified if they have record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history or financial failure in the work of this Corporation.

(16) किसी भी प्रकार की जानकारी अथवा शुद्धि पत्र को वेबसाईट www.eproc.bihar.gov.in पर प्रकाशित किया जायेगा। बिना कारण बताये निविदा या उसके अंश को अस्वीकृत करने/रद्द करने का अधिकार सक्षम पदाधिकारी को सुरक्षित है।

(17) विशेष जानकारी हेतु अधोहरताक्षरी के कार्यालय में कार्य अविध में सम्पर्क किया जा सकता है। ई-टेन्डिरेंग की प्रकिया से संबंधित किसी भी प्रकार की जानकारी/सूचना हेतु सहायता कक्षा, ई-टेन्डिरेंग कक्षा, प्रथत तल्ला, M/22, बैंक ऑफ इण्डिया भवन, रोड न० 25, श्री कृष्णा नगर, पटना-800001, दूरभाष सं० 0612-2523006/9939035696.

मुख्य परामशीं (तकनीकी)

Sonbhadra Construction

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Chief Eng neor B.S.E.I.D.C. Ltd, Patna SECTION 1
INSTRUCTION TO BIDDERS
(ITB)

Sonbhadra Construction

Seal and Signature of Tenderer Proprietor

Chief Eng neer

B.S.E.I.D.C. Ltd, Patria

# Section 1: Instructions to Bidders

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B.3.E.I.D.C. Ltd, Patrie

# . GENERAL

# 1.Scope of Bid

- 1.1 The Employer (named in Appendix to ITB) invites bids for the construction of works (as defined in these documents and referred to as "the works") detailed in the table given in IFB. The bidders may submit bids for any or all of the works detailed in the table given in IFB.
- 1.2 The successful bidder will be expected to complete the works by the intended completion date specifier in the Contract data.
- 1.3 Throughout these bidding documents, the terms 'bid' and 'tender' and their derivatives (bidder / tendere bid/tender, bidding/tendering, etc.) are synonymous.
- Administrative authority shall decide that this agreement would be either PERCENTAGE RATE OR 1.4 ITEM RATE and accordingly the non-relevant sections of this document must be crossed.

### 2. Sources of Funds

The expenditure on this project will be met as decided by the Competent Authority.

# 3. Eligible Bidders

- 3.1 This Invitation for Bids is open to all bidders.
- 3.2 All bidders shall provide in Section 2, Forms of Bid and Qualification Information, a statement that the Bidder is neither associated, nor has been associated, directly or indirectly, with the Consultan Engineer-in-Charge or any other entity that has prepared the design, specifications, and other documents for the Project or being proposed as Project Manager for the Contract or involved in supervision of th contract. A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the works, and any of its affiliates shall not be eligible to bid.
- 3.3 Bidders shall not be under a declaration of ineligibility for delay, failure or corrupt and fraudulent practices by any of the State Govt. or Central Govt. or Public Undertaking or any Autonomous Body.

## 4. Qualification of the Bidder

- All bidders shall provide in Section 2, Forms of Bid and Qualification Information, a preliminary description of the proposed work method and schedule, including drawings and charts indicating miles stones to complete the project on time.
- 4.2 All bidders shall also furnish the following information in Section 2.
  - Evidence of access to or availability of credit facilities (minimum 10% of estimated cost) certifie (i) by the bankers.
  - Undertaking that bidder would be able to invest a minimum of cost upto 25% of the contract value (ii) of work, during implementation of contract.
  - Proposals, if any, for sub contracting of elements of work, costing more than 10% of the bid (iii) amount. (for all contracts over Rs. 5 crore)
  - (iv) Power of attorney, if any.
- If the Employer has not undertaken prequalification of potential bidders, all bidders shall include the 4.3 following information and documents with their bids in Section 2:
  - copies of original documents defining the constitution or legal status, place of registration, and (a) principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder;
  - total monetary value of construction work performed for each of the last five years; (b)
  - experience in works of a similar nature and size for each of the last five years, and details o (c) works underway or contractually committed; and clients who may be contacted for further information on those contracts;
  - major items of construction equipment proposed to carry out the Contract or evidence c (d) arrangement; of possessing them on hire/ lease/ buying as defined therein;
  - qualifications and experience of key site management and technical personnel proposed for (e) contract:
  - reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past five years; E.I.D.C. Ltd, Patre

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Michadra Construction

Sonbhadra Construction

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B. Each bidder should further demonstrate :

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(a) availability (either owned or leased or by procurement against mobilization advances) of the following key and critical equipment for this work:

Based on the studies, carried out by the Engineer the minimum suggested major equipment to attain the completion of works in accordance with the prescribed construction schedule are shown in the Annexuer-I.

Availability of the testing equipment required for establishing field laboratory to perform mandatory tests e.g. those stated in Appendix to ITB.

The bidders should, however, undertake their own studies and furnish with their bid, a detailed construction planning and methodology supported with layout and necessary drawings and calculations (detailed) as stated in clause 4.3(1) above to allow the employer to review their proposals. The numbers, types and capacities of each plant/equipment shall be shown in th proposals along with the cycle time for each operation for the given production capacity to match the requirements.

NOTE: (To be included for bids valued over Rs 5 Crore)

- (b) availability for this work of personnel with adequate experience as required; as per Annexure-II.
- liquid assets and/or availability of credit facilities of no less than amount indicated in Appendix (c) (Credit lines/letter of credit/certificates from Banks for meeting the funds requirement etc.- usually the equivalent of the estimated cash flow for 3 months in peak construction period.)
- C. To qualify for a package of contracts made up of this and other contracts for which bid are invited in the IFB, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts.
- 4.6 Sub-contractors' experience and resources shall not be taken into account in determining the bidder' compliance with the qualifying criteria except to the extent stated in 4.5(A) above.
- Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity in 4.7 more than the total bid value. The available bid capacity will be calculated as under:

Assessed Available Bid capacity = (A\*N\*3 - B)

Where

- A = Maximum value of civil engineering works executed in any one year during the last five years (updated to the price level of the year indicated in Appendix) taking into account the completed as well as works in progress.
- N= Number of years prescribed for completion of the works for which bids are invited.
- B = Value (updated to the price level of the year indicated in Appendix) of existin commitments and on-going works to be completed during the next..... years (period of completion of the works for which bids are invited)
- The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Engineer in charge, not below the rank of an Executive Engineer or equivalent.
- 4.8 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if the have:
  - made misleading or false representations in the forms, statements and attachment submitted in proof of the qualification requirements; and/or
  - have record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc and/or
  - participated in the previous bidding for the same work and had quoted unreasonably hig bid prices and could not furnish rational justification to the employer.

onstruction 5.One Bid per Bidder

Seal and Signature of Tenderer

Chief Eng near E.I.D.C. Ltd, Patrie

5.1 Each bidder shall submit only one bid for any work or one package or group. A bidder who submits or participates in more than one Bid (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Bidder's participation to be disqualified.

## 6.Cost of Bidding

- The bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer will in no case be responsible and liable for those costs.In case of cancellation of tender, cost of bidding document will be charged each times.
- 7. Site Visit
- 7.1 The Bidder, at the Bidder's own responsibility and risk must visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.
- 7.2. Tender documents are not transferable.

Sonbhadra Construction

Anil Kumy Claima

Proprietor

Chief Eng neer

B.S.E.I.D.C. Ltd, Patna

## **B.BIDDING DOCUMENTS**

#### 8. **Content of Bidding Documents**

8.1 The set of bidding documents comprises the documents listed below and addenda issued in accordance with Clause 10:

| Section | Particulars                         | Volume No.      |  |
|---------|-------------------------------------|-----------------|--|
|         | Invitation for Bids                 |                 |  |
| 1       | Instructions to Bidders             |                 |  |
| 2       | Qualifications of Bidders           |                 |  |
| 3       | Conditions of Contracts             |                 |  |
| 4       | Contract Data                       |                 |  |
| 5       | Special condition of Contract       | ll l            |  |
| 6       | Technical Specifications            |                 |  |
| 7       | Bill of Quantities                  | III             |  |
| 8       | Securities and other forms          | in a desired to |  |
| 9       | Drawings                            | IV              |  |
| 10      | Documents to be furnished by bidder | V               |  |

- 8.2 One copy of each of the volumes I, II, III and IV will be issued to the bidder Documents to be furnished by the bidder in compliance to section 2 will be prepared by him and furnished as Volume- V in two parts (refer clause 12).
- 8.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms, technical specifications, bill of quantities, forms, Annexes and drawings in the Bid Document. Failure to comply with the requirements of Bid Documents shall be at the bidder's own risk. Pursuant to clause 25 hereof, bids which are not substantially responsive to the requirements of the Bid Documents shall be rejected.

#### 9.1 Pre-bid meeting

- 9.1.1 The bidder or his official representative is invited to attend a pre-bid meeting which will take place at the address, venue, time and date as indicated in appendix.
- 9.1.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 9.1.3 The bidder is requested to submit any questions in writing or by fax to reach the Employer not later than one week before the meeting.
- 9.1.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all purchasers of the bidding documents. Any modification of the bidding documents listed in Sub-Clause 8.1 which may become necessary as a result of the pre-bid meeting shall be made the Employer exclusively through the issue of an Addendum pursuant to Clause 10 and not through the minutes of the pre-bid meeting. All bidders have to collect any addendum on next working day of pre-bid meeting. The bidder shall receive the minutes of the meeting on the next working day of the pre-bid meeting.
- 9.1.5 Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

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# 10.Amendment of Bidding Documents

- 10.1 Before the deadline for submission of bids, the Employer may modify the bidding documents by issuing addendum.
- Any addendum thus issued shall be part of the bidding documents and shall be collected by all the purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum in writing or by cable to the Employer. The Employer will assume no responsibility for postal delays.
- To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may, at his discretion, extend as necessary the deadline for submission of bids, in accordance with Sub-Clause 20.2 below.

# C. PREPARATION OF BIDS

- 11. Language of the Bid
- 11.1 All documents relating to the bid shall be in English / Hindi.
- 12. Documents Comprising the Bid
- 12.1 The bid to be submitted by the bidder as Volume V of the bid document (refer Clause 8.1) shall be in two separate parts;

Part I shall be named "Technical Bid" and shall comprise

- (i) Earnest money in the form specified in Section 8
- (ii) Qualification Information and supporting documents as specified in Section- 2
- (iii) Certificates, undertakings, affidavits as specified in Section 2
- (iv) Any other information pursuant to Clause 4.2 of these instructions
- (v) Undertaking that the bid shall remain valid for the period specified in Clause 15.1
- (vi) An affidavit affirming the information be has furnished in the bidding document is correct to the best of his knowledge and belief.

Part II shall be named "Financial Bid" and shall comprise

- (i) Form of Bid as specified in Section 6
- (ii) Priced Bill of Quantities for items specified in Section 7
- 12.2 Each part will be separately sealed and marked in accordance with the Sealing and Marking Instructions in Clause 19.
- 12.3 Following documents, which are not submitted with the bid, will be deemed to be part of the bid.

| <br>Section | Particulars               | Volume No.                  |
|-------------|---------------------------|-----------------------------|
|             | Invitation for Bids (IFB) | all the state of the second |
| 1           | Instructions to Bidders   | Volume I                    |
| 3           | Conditions of Contract    |                             |
| 4           | Contract Data             |                             |
| 5           | Specifications            | Volume II                   |
| 8           | Drawings                  | Volume IV                   |

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### 13.Bid Prices

- 13.1 The contractor shall bid for the whole work as described in Sub-Clause 1.1 based on the priced Bill of Quantities submitted by the Bidder.
- 13.1.1 The bidder shall adopt the percentage rate method or item rate method as specified in the appendix to ITB; only the same option is allowed to all the bidders. Percentage rate method requires the bidder to quote a percentage above/below/ at par of the schedule of rates specified in the appendix to ITB.

Item rate method requires to quote rates and prices and line item total (both in figures and words) for all items of the Works described in the Bill of Quantities along with total bid price both in figures and words). Items for which no rate or price is entered by the bidder will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.

- 13.1.2 All duties, taxes, and other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices and total Bid Price submitted by the Bidder.
- 13.2 The rates and prices quoted by the bidder are subject to adjustment during the performance of the Contract in accordance with the provisions clause 10CA & 10CC clause Conditions of Contract.
- 13.3 The rate should include the cost of all seen and unseen expenditure. No claim, whatsoever, will be entertained due to non-inclusion of any such event necessary for the completion of the item of work.

# 14. Currencies of Bid and Payment

14.1 The units rates and the prices shall be quoted by the bidder entirely in Indian Rupees. All payments shall be made in Indian Rupees.

## 15. Bid Validity

- Bids shall remain valid for a period not less than 120 days after the deadline date for bid submission specified in Clause 20.A bid valid for a shorter period shall be rejected by the Employer as non-responsive. In case of discrepancy in bid validity period between that given in the undertaking pursuant to Clause 12.1 (v) and the Form of Bid submitted by the bidder, the latter shall be deemed to stand corrected in accordance with the former and the bidder has to provide for any additional security that is required.
- In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his bid security. A bidder agreeing to the request will not be required or permitted to modify his bid.

## 16. Earnest Money

- The Bidder shall furnish, as part of his Bid, a Bid security in the amount as shown in column 4 of the table of IFB for this particular work. This bid security shall be in favour of Employer, and shall be in the following form of Unconditional bank guarantee from any nationalized scheduled Indian bank issued within the state in the format given in Vol. III (If issued from any bank outside state it will have to Converted to any bank within the state before executing the agreement.
- 16.2 Unconditional bank guarantees issued as surety for the bid shall be valid for 45 days beyond the validity of the bid.
- Any bid not accompanied by an acceptable Bid Security and not secured as indicated in Sub-Clauses 16.1 and 16.2 above shall be rejected by the Employer as non-responsive.
- The Earnest money of unsuccessful bidders will be returned within 28 days of the end of the bid validity period specified in Sub-Clause 15.1.
- 16.5 The Earnest money of the successful bidder will be discharged when the bidder has signed the Agreement and furnished the required Performance Security.
- 16.6 The Earnest money may be forfeited

(a)if the Bidder withdraws the Bid after Bid opening during the period of Bid validity;

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- (b) if the Bidder does not accept the correction of the Bid Price, pursuant to Clause 26; or
- (c) in the case of a successful Bidder, if the Bidder fails within the specified time limit to
  - (i) sign the Agreement; or
  - (ii) furnish the required Performance Security.

# 17. Alternative Proposals by Bidder

- 17.1 Bidders shall submit offers that fully comply with the requirements of the bidding documents, including the conditions of contract (including mobilisation advance or time for completion), basic technical design as indicated in the drawing and specifications. Conditional offer or alternative offers will not be considered further in the process of tender evaluation.
- 17.2 Conditional tender will be rejected forthwith.
- 18. Format and Signing of Bid
- 18.1 The Bidder shall submit one set of the Technical bid and two set of Financial bid (original & duplicate) comprising of the documents as described in clause 12 of ITB.
- The Bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder, pursuant to Sub-Clause 4.3. All pages of the bid where entries or amendments have been made shall be initialed by the person or persons signing the bid and a certificate of corrections must be given by the employer.
- 18.3 The Bid shall contain no alterations or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

# D. SUBMISSION OF BIDS (Only on Website : www.eproc.bihar.gov.in) (SI.No. 19 To 21.1, All Process shall be done through e-tendering Process)

## 19. Sealing and Marking of Bids

- 19.1 The Bidder shall place three separate envelopes (called as inner envelopes) which shall be marked one as technical bid and two envelope as Financial bid in duplicate. Inside one outer envelope. The envelopes marked "Technical Bid" and "Financial Bid" will have additional markings as follows.
  - Technical Bid: To be opened as per NIT (date of Technical Bid opening) in the presence of Evaluation Committee, or authorized person. (Only on Website: www.eproc.bihar.gov.in)
  - Financial Bid: Not to be opened except with the approval of Evaluation Committee. (Only on Website: www.eproc.bihar.gov.in)

The contents of Technical and Financial Bids will be as specified in clause 12.1

- The inner, outer and separate envelopes containing Technical and Financial Bids shall (a)be addressed to the Employer at the address given in Appendix (b)bear the identification no of contract as indicated in Appendix.
  - (c) provide a warning not to open before the specified time and date for bid opening as specified in ITB
- 19.3 In addition to the identification required in Sub-Clause 19.1 and 19.2, each of the envelopes shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared late, pursuant to Clause 21, or if Evaluation Committee declares the bid as non responsive pursuant to Clause 23.

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- 19.4 If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the bid.
- 20. Deadline for Submission of the Bids(Only on Website : www.eproc.bihar.gov.in)
- 20.1 Complete Bids (including Technical and Financial) must be received by the Employer at the address specified above not later than the date indicated in appendix. In the event of the specified date for the submission of bids have declared a holiday for the Employer, the Bids will be received up to the appointed time on the next working day.
- 20.2 The Employer may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 10, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.
- 21. Late Bids
- 21.1 Any Bid received by the Employer after the deadline prescribed in Clause 20 will be returned unopened to the bidder.

# E. BID OPENING AND EVALUATION (Only on Website: <a href="www.eproc.bihar.gov.in">www.eproc.bihar.gov.in</a>) (SI.No. 22 To 27.5, All Process shall be done through e-tendering Process)

## 22. Bid Opening

- 22.1 The Employer or their authorized representative will open all the Bids received (except those received late), in the presence of the Bidders or their representatives who choose to attend at time, date and the place specified in Appendix in the manner specified in Clause 20 and 22.3. In the event of the specified date of Bid opening being declared a holiday for the Employer, the Bids will be opened at the appointed time and location on the next working day. Even in the case of absence of the bidder at the time of opening of bids, department will proceed a head with the opening.
- 22.2 If any of the tenderers or their agents are not present at the time of opening, the employer will open the tender in their absence and prepare a statement and that will be binding on the absent tenderers.
- The envelope containing "Technical Bid" shall be opened. The amount, form and validity of the Earnest money furnished with each bid will be announced. If the bid security furnished does not conform to the amount and validity period as specified in the Invitation for Bid (ref. Column 4 and paragraph 3), and has not been furnished in the form specified in Clause 16, the remaining technical bid and the sealed financial bid will be returned to the bidder.
- 22.4 (i) Subject to confirmation of the bid security by the issuing Bank, the bids accompanied with valid security will be taken up for evaluation with respect to the Qualification Information and other information furnished in Part I of the bid pursuant to Clause 12.1.
  - (ii) After receipt of confirmation of the bid security, the bidder will be asked in writing (usually within 10 days of opening of the Technical Bid) to clarify or modify his technical bid, if necessary, with respect to any rectifiable defects.
  - (iii) The bidders will respond in not more than 7 days of issue of the clarification letter.
  - (iv) Immediately (usually within 3 to 4 days), on receipt of these clarifications the Evaluation Committee will finalize the list of responsive bidders whose financial bids are eligible for consideration.
- 22.5 At the time of opening of "Financial Bid", the names of the bidders found responsive in accordance with Clause 23.4(iv) will be announced. The bids of only these bidders will be opened. The remaining bids will be returned to the bidders unopened. The responsive Bidders' names, the Bid prices, the total amount of each bid, any discounts, Bid Modifications and withdrawals, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening. Any Bid price or discount, which is not read out and recorded will not be taken into account in Bid Evaluation.

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- In case bids are invited in more than one package, the order for opening of the "Financial Bid" shall be 22.6 that in which they appear in the "Invitation For Bid".
- The Employer shall prepare minutes of the Bid opening, including the information disclosed to those 22.7 present in accordance with Sub-Clause 22.5

#### Process to be Confidential 23.

Information relating to the examination, clarification, evaluation and comparison of Bids and 23.1 recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any effort by a Bidder to influence the Employer's processing of Bids or award decisions may result in the rejection of his Bid.

#### Clarification of Financial Bids 24.

- To assist in the examination, evaluation and comparison of Bids, the Employer may, at his discretion, 24.1 ask any Bidder for clarification of his Bid, including breakdowns of unit rates. The request for clarification and the response shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Bids in accordance with Clause 26.
- Subject to sub-clause 24.1, no Bidder shall contact the Employer on any matter relating to his bid from 24.2 the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Employer, it should do so in writing.
- Any effort by the Bidder to influence the Employer in the Employer's bid evaluation, bid comparison or 24.3 contract award decisions may result in the rejection of the Bidders' bid.

#### Examination of Bids and Determination of Responsiveness 25.

- During detailed evaluation of "Technical Bids", the Employer will determine whether each Bid (a) meets 25.1 the eligibility criteria defined in Clause 3 and 4; (b) has been properly signed; (c) is accompanied by the required securities and; (d) is substantially responsive to the requirements of the Bidding documents. During the detailed evaluation of the "Financial Bid", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e., priced bill of quantities, technical specifications, and drawings.
- A substantially responsive "Financial Bid" is one which conforms to all the terms, conditions, and 25.2 specifications of the Bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality or performance of the Works; (b) which limits in any substantial way, inconsistent with the Bidding documents, the Employer's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.
- If a "Financial Bid" is not substantially responsive, it will be rejected by the Employer, and may not 25.3 subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

#### 26. **Correction of Errors**

- "Financial Bids" determined to be substantially responsive will be checked by the Employer for any 26.1 arithmetic errors. Errors will be corrected by the Employer as follows:
- where there is a discrepancy between the rates in figures and in words, the rate in words will govern; (a)
- where there is a discrepancy between the unit rate and the line item total resulting from multiplying the (b) unit rate by the quanity, the unit rate as quoted will govern.
- The amount stated in the "Financial Bid" will be corrected by the Employer in accordance with the above 26.2 procedure and the bid amount adjusted with the concurrence of the Bidder in the following manner:
- If the Bid price increases as a result of these corrections, the amount as stated in the bid will be the 'bid (a) price' and the increase will be treated as rebate;

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(b) If the bid price decreases as a result of the corrections, the decreased amount will be treated as the 'bid price'

Such adjusted bid price shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount the Bid will be rejected, and the Earnest money may be forfeited in accordance with Sub-Clause 16.6(b).

- 27. Evaluation and Comparison of Financial Bids
- 27.1 The Employer will evaluate and compare only the Bids determined to be substantially responsive in accordance with Sub-Clause 25.2.
- 27.2 In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:
  - (a) making any correction for errors pursuant to Clause 26; or
  - (b) making an appropriate adjustments for any other acceptable variations, deviations.
- 27.3 The Employer reserves the right to accept or reject any variation or deviation. Variations and deviations and other factors, which are in excess of the requirements of the Bidding documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Bid evaluation.
- 27.4 If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the performance security set forth in Clause 31 be increased at the expense of the successful Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.
- 27.5 A bid, in the opinion of employee which contains several items in the Bill of Quantities which are unrealistically priced low and which cannot be substantiated satisfactorily by the bidder, may be rejected as non-responsive.

### F. AWARD OF CONTRACT

### 28. Award Criteria

- 28.1 Subject to Clause 29, the Employer will award the Contract to the Bidder whose Bid has been determined
  - (i) to be substantially responsive to the Bidding documents and who has offered the lowest evaluated Bid Price; and
  - (ii) to be within the available bid capacity adjusted to account for his bid price which is evaluated the lowest in any of the packages opened earlier than the one under consideration.

In no case, the contract shall be awarded to any bidder whose available bid capacity is less than the evaluated bid price, even if the said bid is the lowest evaluated bid. The contract will in such cases be awarded to the next lowest bidder at his evaluated bid price.

29. Employer's Right to Accept any Bid and to Reject any or all Bids

Notwithstanding Clause 28, the Employer reserves the right to accept or reject any Bid, and to cancel the Bidding process and reject all Bids, at any time prior to the award of Contract, without thereby in incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for the Employer's action.

- 30. Notification of Award and Signing of Agreement
- The Bidder whose Bid has been accepted will be notified of the award by the Employer prior to expiration of the Bid validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the *General Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion and maintenance of the

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- Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").
- 30.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of the performance security in accordance with the provisions of Clause 31.
- 30.3 The Agreement will incorporate all agreements between the Employer and the successful Bidder. It will be signed by the Employer and the successful Bidder, after the performance security is furnished.
- 31. Performance Security
- Within 10 (ten) days of receipt of the Letter of Acceptance, the successful Bidder shall deliver to the Employer a Performance Security in any of the forms given below for an amount equivalent 2% of the Contract price including earnest money plus additional security for unbalanced Bids in accordance with the Clause 29.5 of ITB and the provisions of Bihar Financial Rules.
- 31.2 If the performance security is provided by the successful Bidder in the form of an Bank Guarantee or fixed deposit receipts in the name of Employer, it shall be issued either (a) at the Bidder's option, by a Nationalized/ Scheduled Indian bank within state or (b) acceptable to the Employer.
- Failure of the successful Bidder to comply with the requirements of Sub-Clause 31.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Bid Security.
- 32. Advance Payment and Security
- 32.1 The Employer will provide an Advance Payment on the Contract Price as stipulated in the General Conditions of Contract, subject to maximum amount, as stated in the Contract Data.
- 33. Corrupt or Fraudulent Practices
- The Employer will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question and will declare the firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract with this Corporation (BSEIDC) and any other agencies, if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for the contractor, or in execution.
- 33.2 Furthermore, Bidders shall be aware of the provision stated in Sub-Clause and Sub-Clause 14 of the General Conditions of Contract.

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## G. APPENDIX to ITB

Clause Reference with respect to Section-I.

1. Name of the Employer—Managing Director, BSEIDC, Patna. [CI. 1.1] 2. The last five years means for this tender 2013 - 2014 2014 - 20152015 - 2016 2016 - 20172017 - 2018. 3. The required annual financial turn over amount is Rs. 56.45 Lac [Cl. 4.5 A(a)] (Rupees Fifty Six Lac and Forty Five Thousand Only ) 4. Required minimum value of one similar work is Rs. 28.23 Lac [Cl. 4.5A(b)] (Rupees Twenty Eight Lac and Twenty Three Thousand Only). 5. Required minimum quantities of work executed are:- as [CI. 4.5A(c)] prescribed in the relevant clause. The cost of electric work is :- As per BOQ 7. The cost of water supply/ sanitary works is :- As per BOQ [CI. 4.5B(c)] 8. Liquid assets and/or availability of credit facilities is 10% Of **Estimated Cost.** 9. Price level of the financial year 2018-2019 [CI. 4.7)] 10 [CI. 9.1.2] The pre-bid meeting will take place : NIT/ As Per CORRIGENDUM. 11. The technical bid will be opened THROUGH WEBSITE Only

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| 12. | Address of the Employer : Managir                                       | g Director, BSEIDC, Patna.      | [Cl. 4.5(a)]   |
|-----|---|---------------------------------|----------------|
| 13. | Identification:   |                                 | [/cl. 19.2(b)] |
|     | Bid for: Renovation of Guest House I                                    | Building at BSEB Office, Patna. |                |
|     | Sl.No.: 2   |                                 |                |
|     | Bid reference No.: 92, Year: 2018-                                      | 19                              |                |
|     | Do not open before: As Per NIT / 0                                      | CORRIGENDUM                     |                |
| 14. | Bids may be submitted only in Per                                       | centage Rate Method.            |                |
| 15. | Schedule of rate applicable for Per 2018 (w.e.f. 27.09.2018) & BSR Elec |                                 |                |
| 16. | The bid should be submitted la CORRIGENDUM                              | test by Date : As Per NIT/      | [Cl. 20.1(a)]  |
| 17. | The bid will be opened /www.eproc.bihar.gov.in                          | through Web Site :              | [CI. 23.1]     |
| 18. | The Cost of BOQ & Cost of Ea CORRIGENDUM.                               | rnest money : As Per NIT/       | [CI. 34.1]     |
|     |   |                                 |                |
| 19. | Escalation factors (for the cost of figure to a common base value for   |                                 |                |
|     | Year beforeMultiply factor  |                                 |                |
|     | One   | 1.1                             |                |
|     | Two   | 1.21                            |                |
|     | Three   | 1.33                            |                |
|     | Four  | 1.46                            |                |
|     | Five  | 1.61                            |                |
| 20. | Bids will be submitted in Percenta                                      | ge Rate/Item Rate .             |                |

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## ANNEXURE-I

# List of Key Plant & Equipment to be deployed on ROAD Work

[Reference Cl. 4.5 (B) (a)]

| SI.   | Type of<br>Equipment*   | Max ***<br>age as |  | Road Cor                             | ntract Packa                         | age Size **                            |                       |
|-------|---|-------------------|--|--------------------------------------|--------------------------------------|--|-----------------------|
|       | Equipment   | on<br>(Years)     | Within one crore                         | Rs. 1- 5<br>Crores                   | Rs. 5- 30<br>Crores                  | Rs. 31-50<br>Crores                    | Above<br>50<br>Crores |
| 1.    | Motor Grader  | 5                 |  | 1                                    | 1                                    | 3                                      | 5                     |
| 2.    | Dozer   | 5                 | As                                       |                                      | 1                                    | 1                                      | 2                     |
| 3.    | Front end Loader  | 5                 | pe                                       |                                      | 1                                    | 2                                      | 3                     |
| 4.    | Smooth Wheeled Roller   | 5                 | per the                                  | 1                                    | 2                                    | 2                                      | 3                     |
| 5.    | Vibratory Roller  | 5                 | dec                                      | 1                                    | 1                                    | 1                                      | 2                     |
| 6.    | Fully Computerized Hot<br>Mix Plant with<br>Electronic Controls         | 5                 | decision of Engineer-in-Charge concerned | 1<br>(Min. 40-<br>60 TPH<br>capacity | 1<br>(Min 80-<br>100 TPH<br>capacity | 1<br>(Min 100-<br>120 TPH<br>capacity) | 2                     |
| 7.    | Paver Finisher with<br>Electronic Sensor                                | 5                 | ineer-ir                                 | 1<br>(Mechan<br>ical)                | 1                                    | 1                                      | 2                     |
| 8.    | Water Tanker  | 5                 |  | ten1 ent                             | 2                                    | 3                                      | 4                     |
| 9.    | Bitumen Sprayer   | 5-7               | arg                                      | 1                                    | 1                                    | 1                                      | 2                     |
| 10.   | Tandem Roller   | 5                 | e cc                                     |                                      | 1                                    | 2                                      | 2                     |
| 11.   | Concrete Mixes with<br>Integral Weigh Batching<br>facility              | 5                 | oncerne                                  | 1<br>(Drum<br>mixer)                 | 1                                    | 1                                      | 1                     |
| 12.   | Concrete Batching and<br>Mixing Plant (Minimum<br>Capacity – 15m³/hour) | 5                 | O.                                       |                                      | -                                    | -                                      | 1                     |
| أطاري | Total -   |                   |  | 8                                    | 13                                   | 18                                     | 29                    |

<sup>\*</sup> To be decided by Employer before floating the tender.

Chief Eng neer

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<sup>\*\*</sup> On the basis of nature of Construction work list of key plant & Equipments will be decided.

<sup>\*\*\*</sup> Life of machine minus two years or 5 years on ...... which ever is more.

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## ANNEXURE - II

# List of Key Personnel to be deployed on Contract Work

# [Reference CI. 4.5(B) (b)]

| SI. | Personnel*                     | Qualification   | Contract Package Size |                                 |                               |                        |                        |                         |                              |  |
|-----|--------------------------------|---|-----------------------|---------------------------------|-------------------------------|------------------------|------------------------|-------------------------|------------------------------|--|
| No. |                                |   | Rs. 5-<br>30<br>Lacs  | Rs. 30<br>Lacs<br>to 70<br>Lacs | Rs. 70<br>Lacs to<br>2 Crores | Rs. 2-<br>10<br>Crores | Rs.<br>10-30<br>Crores | Rs. 31-<br>50<br>Crores | More<br>than<br>50<br>Crores |  |
| 1.  | Project<br>Manager             | B.E. Civil + 10 Years<br>Exp. (5 years as<br>Manager)<br>or retired E.E.                      |                       |                                 |                               |                        | 1 No.                  | 1 No.                   | 1 No.                        |  |
| 2.  | Site<br>Engineer               | B.E. Civil + 07 Years<br>Exp. (3 years in<br>Road Construction)<br>or retired A.E.            |                       |                                 | 1 No.                         | 1 No.                  | 1 No.                  | 2<br>Nos.               | 4<br>Nos.                    |  |
| 3.  | Plant<br>Engineer              | B.E. Mech./ Civil +<br>05 Years Exp. or<br>Dip. Mech + 07<br>Years Exp. or<br>Retired J.E.    |                       |                                 |                               | 1 No.                  | 1 No.                  | 1 No.                   | 2<br>Nos.                    |  |
| 4.  | Quantity<br>Surveyor           | B.E. Civil + 05 Years<br>Exp. or Dip. Civil +<br>07 Years Exp.                                |                       |                                 |                               |                        |                        | 1 No.                   | 2<br>Nos.                    |  |
| 5.  | Soil &<br>Material<br>Engineer | B.E. Civil + 07 Years<br>Exp.   |                       |                                 |                               |                        |                        | 1 No.                   | 2<br>Nos                     |  |
| 6.  | Survey<br>Engineer             | B.E. Civil + 03 Years<br>Exp. or Dip. Civil +<br>05 Years Exp.                                | 7)                    |                                 |                               |                        |                        | 1 No.                   | Nos.                         |  |
| 7.  | Site<br>Supervis<br>or         | Fresh Graduate in<br>Civil or Diploma<br>Civil + 03 Years<br>Exp. or retired I.T.I<br>Holder. |                       | 1 No.                           | 1 No.                         | Nos.                   | Nos.                   | 3<br>Nos.               | 4<br>Nos                     |  |
|     | Total                          |   | N. S. C.              | . 1                             | 2                             | 3                      | 5                      | 10                      | 17                           |  |

The designation and no. of the personnel has to be decided by the Corporation as per the requirement

Sonbhadra Construction

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# **SECTION 2**

# **QUALIFICATION INFORMARION**

(to be filled in by Bidder)

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QUALIFICATION INFORMATION

The information to be filled in by the Bidder in the following pages will be used for purposes of post qualification as provided for in Clause 4 of the Instructions to Bidders. This information will not be incorporated in the Contract.

- 1. For Individual Bidders
- 1.1 Constitution or legal status of Bidder (Attach copy)

Place of registration:

Principal place of business:

Power of attorney of signatory of Bid (Attach)

1.2 Total value of Civil Engineering construction work performed in the last five years\*\* (in Rs. Million)

|   | 200 | 200 |
|---|-----|-----|
| β | 200 | 200 |
|   | 200 | 200 |
|   | 200 | 200 |
|   | 201 | 200 |

1.3.1 Work performed as prime contractor, work performed in the past as a nominated subcontractor will also be considered provided the sub-contract involved execution of all main
items of work described in the bid document, provided further that all other qualification
criteria are satisfied (in the same name) on works of a similar nature over the last five

|                 | ears.**                     |                        |                 | 1 1/-1                                    | Data of                     | Ctinulated                      | Actual           | Remarks   |
|-----------------|-----------------------------|------------------------|-----------------|---|-----------------------------|---------------------------------|------------------|---|
| Project<br>Name | Name of<br>the<br>Employer* | Description<br>of work | Contract<br>No. | Value of<br>Contract<br>(Rs. In<br>Crore) | Date of issue of work order | Stipulated period of completion | date of completi | explaining<br>reasons for<br>delay & work<br>completed) |
|                 |                             |                        |                 |   |                             | F                               |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
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|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |
|                 |                             |                        |                 |   |                             |                                 |                  |   |

<sup>\*</sup> Attach certificate(s) from the Engineer(s)-in-Charge

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<sup>\*\*</sup> Immediately preceding the financial year in which bids are received.

<sup>\*\*\*</sup> Certificate issued of Central govt./ State govt./ Public undertaking (Nigam) β Attach certificate from Chartered Accountant.

# 1.3.2. Quantities of work executed as prime contractor, work performed in the past as a nominated sub-contractor will also be considered provided the sub-contract involved execution of all main items of work described in the bid document, provided further that all other qualification criteria are satisfied (in the same name and style) in the last five years:\*\*

| Year              | Name  | Name                    | Q  | uantity of wo             | rk perform            | ned (cum) | @ Remar    | ks                 |  |
|-------------------|---|-------------------------|--|---------------------------|-----------------------|-----------|------------|--------------------|--|
|                   | of the<br>work  | of the<br>Employ<br>er* | Cement<br>Concrete<br>(including<br>RCC & PCC) | Masonry                   | Earth<br>works        | WBM       | WMM        | Bituminous<br>Work | Remarks*<br>(indicate<br>contract Ref) |
| 200200            |   |                         |  |                           | in la gar             | is incl   |            | i Au Hi            |  |
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- 1.4 Information on Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on the date of this bid.
- (A) Existing commitments and on-going works:

| Description of works | Place &<br>State | Contract<br>No. | Name &<br>Address of<br>Employer | Value of<br>Contract<br>(Rs Cr) | Stipulated<br>Period of<br>Completion | Value of<br>works*<br>remaining to<br>be completed<br>(Rs Cr) | Anticipated date of completion |
|----------------------|------------------|-----------------|----------------------------------|---------------------------------|---------------------------------------|---|--------------------------------|
| 1                    | 2                | 3               | 4                                | 5                               | 6                                     | 7   | 8                              |
|                      |                  |                 |                                  |                                 |                                       |   |                                |
|                      |                  |                 |                                  |                                 |                                       |   |                                |
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|                      |                  |                 |                                  |                                 |                                       |   |                                |
|                      |                  |                 |                                  |                                 |                                       |   |                                |

\* Attach certificate(s) from the Engineer(s)-in-Charge

@ The item of work for which data is requested should tally with that specified in ITB clause 4.5A (c)

\*\* Immediately preceding the financial year in which bids are received.

# Delete, if prequalification has been carried out.

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# (B) Works for which bids already submitted :

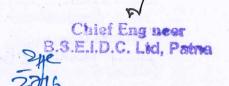
| Description of works | Place &<br>State | Name &<br>Address of<br>Employer | Estimated value of works (Rs Cr) | Stipulated period of completion | Date when decision is expected | Remarks, if any |
|----------------------|------------------|----------------------------------|----------------------------------|---------------------------------|--------------------------------|-----------------|
| 1                    | 2                | 3                                | 4                                | 5                               | 6                              | 7               |
|                      |                  |                                  |                                  |                                 |                                |                 |
|                      |                  |                                  |                                  |                                 |                                |                 |
|                      |                  |                                  |                                  |                                 |                                |                 |
|                      |                  |                                  |                                  |                                 |                                |                 |
|                      |                  |                                  |                                  |                                 |                                |                 |
|                      |                  |                                  |                                  |                                 |                                |                 |

1.5 Availability of key items of Contractor's Equipment essential for carrying out the Works [Ref. Clause 4.5(B)(a)]. The Bidder should list all the information requested below. Refer also to Sub Clause 4.3 (d) of the Instruction to Bidders.

| Description | Regu     | uirement | ment Availability proposals |               |                   |   |  |  |  |
|-------------|----------|----------|-----------------------------|---------------|-------------------|---|--|--|--|
| of Work.    | No.      | Capacity | Owned/Leased to be procured | Nos./Capacity | Age/<br>Condition | Remarks (from<br>whom to be<br>purchased) |  |  |  |
| 1           | 2        | 3        | 4                           | 5             | 6                 | 7   |  |  |  |
|             |          |          |                             |               |                   |   |  |  |  |
|             |          |          |                             |               |                   |   |  |  |  |
|             |          |          |                             |               |                   |   |  |  |  |
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|             |          |          |                             |               |                   |   |  |  |  |
|             |          |          |                             |               |                   |   |  |  |  |
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|             |          |          |                             |               |                   |   |  |  |  |
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| TERNAL      | 17 3 th. |          |                             | ly close and  |                   |   |  |  |  |

Sonbhadra Construction

Anil Kumar Sharma Seal and Signature of Tenderer



Qualifications and experience of key personnel required for administration and execution of the Contract [Ref. Clause 4.5(B)(b)]. Attach biographical data. Refer also to Sub Clause 4.3 (e) of instructions to Bidders and Sub Clause 9.1 of the Conditions of Contract.

| Position        | Name   | Qualification       | Year of Experience<br>(General) | Years of experience in the proposed position |
|-----------------|--|---------------------|---------------------------------|--|
| Project Manager |  |                     |                                 |  |
|                 |  |                     |                                 |  |
|                 |  |                     |                                 |  |
|                 |  |                     | 1.1                             |  |
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1.7 Proposed sub-contracts and firms involved. [Refer ITB Clause 4.3(k)]

| Sanction of the works | Value of Sub-contract | Sub-contractor (Name & Address) | Experience in similar work |
|-----------------------|-----------------------|---------------------------------|----------------------------|
| 1                     | 2                     | 3                               | 4                          |
|                       |                       |                                 |                            |
|                       |                       |                                 |                            |
|                       |                       |                                 |                            |
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|                       |                       |                                 |                            |
|                       |                       |                                 |                            |
|                       |                       |                                 |                            |

Attach copies of certificates on possession of valid license for executing water supply/ sanitary work/ building electrification works [Reference Clause 4.5(d) & Clause 4.5(e)]

\*1.8 Financial reports for the last five years: balance sheets, profit and loss statements, auditors' reports (in case of companies/corporation), etc. List them below and attach/copies.

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Proprietor

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<sup>\*</sup> Delete, if prequalification has carried out

- 1.9 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List them below and attach copies of support documents.
- 1.10 Name, address and telephone, telex and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.
- 1.11 Information on litigation history in which the Bidder is involved.

| Other Party(ies)                       | Employer | Cause of Dispute  | Amount involved     | Remarks showing Presen<br>Status |
|--|----------|-------------------|---------------------|----------------------------------|
|  |          | v                 |                     |                                  |
| ************************************** |          |                   |                     |                                  |
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|  |          |                   |                     |                                  |

| 1.12    | Statement | of | compliance u | nder the re | quire | ments of | Sub Clause  | 3.2 | of the | instructions to |
|---------|-----------|----|--------------|-------------|-------|----------|-------------|-----|--------|-----------------|
| Bidders | . (Name   | of | Consultant   | engaged     | for   | project  | preparation | is  | **     |                 |
|         |           |    | )            |             |       |          |             |     |        |                 |

- 1.13 Proposed work method and schedule. The Bidder should attach descriptions, drawings and charts as necessary to comply with the requirements of the Bidding documents. [Refer ITB Clause 4.1 & 4.3(1)]
- 1.14 Programme

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1.15 Quality Assurance Programme

## 2. Additional Requirements

- 2.1 Bidders should provide any additional information required to fulfill the requirements of Clause 4 of the Instructions to the Bidders, if applicable.
  - (i) Affidavit
  - (ii) Undertaking
  - \*\*\* (iii) Update of original prequalification application
  - \*\*\* (iv) Copy of original prequalification application
  - \*\*\* (v) Copy of prequalification letter

\*\* Fill the Name of Consultant.

\*\*\* Delete, if prequalification has not been carried out.

Sonbhadra Construction

Anil Funar Slaras Seal and Signature of Fenderer Chief Eng neer

B.S.E.I.D.C. Ltd, Patrie

# SAMPLE FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CREDIT FACILITIES

(CLAUSE 4.2 (i) OF ITB)

# **BANK CERTIFICATE**

| If the contract for the work, namelyis awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent on the extent of the extent | the above firm, we shall be able to provide overdraft/credit facilities to the extent |    |
|---|---|----|
| Rs to meet their working capital requirements for executing to  |   | to |
|   |   |    |
| the above contract during the contract period.  | the above contract during the contract period.  | to |

(Signature)
Name of Bank
Senior Bank Manager
Address of the Bank

Semenadra Construction

(Seal & Signature of Tenderer)

B.S.E.I.D.C. Ltd, Patne

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# **AFFIDAVIT**

| 1.  | I, the undersigned, do hereby certi<br>are true and correct.                               | fy that all the statements made in the required attachments   |
|-----|--|---|
| 2.  | The undersigned also hereby  | certifies that neither our firm M/s   |
|     |  | has been blacklisted nor has abandoned any ent, India nor any contract awarded to us for such works ve years prior to the date of this bid.                     |
| 3.  | furnish pertinent information deer   | es and request(s) any bank, person, firm or corporation to<br>med necessary and requested by the Department to verify<br>ir) competence and general reputation. |
| 4.  | The undersigned understand a requested, and agrees to furnish Project implementing agency. | nd agrees that further qualifying information may be<br>any such information at the request of the Department   |
| 5.  | If the work is allotted to me or m<br>work program for timely completion                   | y firm, I/we will arrange the required fund and submit the on of the work.  |
| 6.  | I/we will invest a minimum of cost of contract.  | up to 25% of contract value of work during implementation   |
|     |  |   |
|     |  |   |
|     |  |   |
|     |  |   |
|     |  | (Signed by an Authorized Officer of the Firm)   |
|     | dine a sare  |   |
|     |  |   |
|     |  |   |
|     |  | Title of Officer  |
|     |  | Title of Officer  |
|     |  |   |
|     |  |   |
|     |  | Name of Firm  |
|     |  |   |
|     |  |   |
|     |  | DATE  |
|     | nbhadra Construction   | Chief Eng neer  |
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# **UNDERTAKING**

| an Authorised Officer of the Firm)  Title of Officer |
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| Title of Officer                                     |
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|  |
| Name of Firm   |
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Sonbhadra Construction

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(Seal & Signature of Tenderer)

Proprietor

Chief Eng neer

B.S.E.I.D.C. Ltd, Patrie

# SECTION 3 GENERAL CONDITIONS OF CONTRACT

Sonbhadra Construction

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And kemar Sharma (Seal & Signature of Tenderer) Chief Eng neer
B.S.E.I.D.C. Ltd, Patrice

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(Seal & Signature of Tenderer) ietor

S.S.E.I.D.C. Lid, Patro

| BSEIDC,Patna | TENDER: Renovation of Guest House Building at BSEB Office, Patna (SBD)      | SI No. : - 2 |
|--------------|---|--------------|
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Sonbhadra Construction

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(Seal & Signature of Tenderer)

Proprietor

Chief Eng neer
B.S.E.I.D.C. Ltd, Patrie

### **GENERAL GUIDELINES**

- 1. This book of "General Conditions of Contract" is applicable to both types of tenders i.e. "Percentage rate tenders" and "Item rate tenders". Accordingly alternative provisions for conditions Nos. 4, The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tender (Form-)or item rate tender (Form -)
- 2. Form -, Schedules A to F, special conditions/ specifications and drawing only will be issued to intending bidders. The standard form shall form part of the agreement to be drawn and signed by both parties after acceptance of tender.
- 3. All blanks are confined to Notice Inviting Tender (Form -) and Schedules A to F.
- 4. Authority approving the Notice Inviting Tender (NIT) shall fill up all the blanks in Form -6 and in Schedules B to F before issue of Tender Papers.
- 5. The intending bidders will quote their rates in Schedule A.
- 6. The proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled shall be separately issued to all intending tenderers.

Chief Eng neer

B.S.E.I.D.C. Ltd, Patna

Sonbhadra Construction

Any Kumay Chaina
(Seal & Signature of Tenderer)

# BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. (A Govt. Of Bihar UNDERTAKING)

Form-1

|         | NOTICE INVITING TENDER  |
|---------|---|
| contrac | ctorState RCD/BCD/ other State P.W.D. & Central Government / PSUor any Agency of National / repute :-   |
| an      | nder to any Contractor registered with Central Government/any State Government / State RCD/BCD or y PSU or an agency of International / National repute may be submitted without the registration with prporation. However, registration with the Corporation will be essential after issue of L.O.A.   |
|         | (b) submission of bid (In case of other State PWD/ CPWD/ any PSU eligible contractors or Agencies of National/ International repute following documents (from a to c) have to be submitted after issue of letter of acceptance).t / other State PWD / CPWD Contractor will provide definite proof from appropriate authority for tools & Plant and Undertaking to install it on works site after getting letter of acceptance |
| 2.      | Agreement shall be drawn with the successful tenderer on prescribed Form No. BSEIDC-2/3. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.   |
| 5.      | The time allowed for carrying out the work will be from the day after the date of written orders to commence the work or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.  |
| 6.      | The site for the work is available.  OR   |
|         | The site for the work shall be made available in parts as specified below :-  |
|         |   |
| 7.      | Receipt of applications for issue of forms will be stopped by 1500 Hrs. days before the date fixed for opening of tenders. Issue of tender forms will be stopped day before the date fixed for opening of tenders or as mentioned in press Notice.  |

| i) | Rs. | <br>in | as | cost | of | tender. |
|----|-----|--------|----|------|----|---------|
| •  |     |        |    |      |    |         |

ii) Earnest Money of Rs. \_\_\_\_\_as mentioned in Bihar Financial Rule . Nationalised/dinstate. (

8. Tenders, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the Dated ------

Sonbhadra Construction

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(Seal & Signature of Tenderer)

Proprietor

B.S.E.I.D.C. Ltd. Paine

TENDER: Renovation of Guest House Building at BSEB Office, Patna (SBD)

- 9. The Contractor shall be required to deposit an amount equal to 2% of the tendered value of the work as performance guarantee in the form as mentioned in Bihar Financial Rules. F, bank guarantee is acceptable.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tool & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Corporation and local conditions and other factors having a bearing on the execution of the work.

- 11 Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by such contractors who resort to canvassing will be liable to rejection.
- The competent authority on behalf of the Corporation reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall bound to perform the same at the rate quoted.
- The contractor shall not be permitted to tender for works in the Corporation in which his near relative is posted as officer in any capacity. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Corporation Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of the corporation.
- No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of Bihar is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of Bihar in writing. This contract is liable to be cancelled if either the contractor or any of his employee is found any time to be such a person who had not obtained the permission to the Government of Bihar as aforesaid before submission of the tender or engagement in the contractors service.
- The tender for the works shall remain open for acceptance for a period of days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Corporation, then the Corporation shall, without prejudice to Sonbhary other right or remedy, be at liberty to forfeit % of the said earnest morey as aforesaid.6. The

(Seal & Signature of Tenderer)



<sup>\*</sup> as applicable

Corporation has right to cancel or postpone any work without giving any notice or clarification.17. The Corporation may add or delete any of the condition required for execution of any work.18This Notice Inviting Tender shall form a part of the contract document. The Authority, shall the and of by the successful tenderer contractor.

|                                   | Signature the Competent Authority   |
|-----------------------------------|-------------------------------------|
|                                   | Signature the Competent Authority   |
|                                   | For & on behalf of the Corporation. |
|                                   |                                     |
|                                   |                                     |
| RIHAR STATE EDUCATIONAL INERASTRU | CTURE DEVELOPMENT CORPORATION LTD.  |

(A GOVT. OF BIHAR UNDERTAKING)

Form-2/3

Percentage Rate Tender & Contract for Works

- (A) Tender for the work of :-
  - (i) To be submitted by
  - (ii)To be opened

Signature of officer issuing the documents

Designation ......

Date of issue .....

#### TENDER

I/We have read and examined the notice inviting tender, schedule, A,B,C,D,E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Bihar State Educational Infrastructure Development Corporation Ltd., within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all in respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect in accordance with, such conditions so far as applicable.

We agree to keep the tender open for days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of Rs2,06,200.00(Rupees Two Lacs Six Thousand Two Hundred Only) has been deposited guarantee of a Nationalised / scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the competent Authority of the Corporation or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if/we fail to commence work as specified, I/we agree that competent Authority of the corporation or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the 3.3.E.I.D.C. Ltd, Patria

Kymai slo (Seal & Signature of Tenderer)

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terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the Corporation.

| Dated   | Signature of Contractor<br>Postal Address  |
|---|--|
| Witness:  |  |
| Address:  |  |
| Occupation:   |  |
| ACCEP   | TANCE  |
| by me for and on behalf of the Bihar State Eductor a sum of Rs. | Michelle Delle Committee of the Committe |
|   |  |
| The letters referred to below shall form part of t              | his contract Agreement :-  |
| a)  |  |
| b)  |  |
| c)  |  |
| For & on behalf of the. Bihar State Educational                 | Infrastructure Development Corporation Ltd.  |
| Signature .of the competent Authority                           |  |
| Designation of the competent Authority                          |  |
| Dated   |  |

Sonbhadra Construction

Anil Kumay Shanna
(Seal & Signature of Tenderer)

Chief Eng neer

B.S.E.I.D.C. Lid, Patna

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# GOVERNMENT OF BIHAR ALL WORKS DEPARTMENT

General
Rules &
Directions

All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in News papers and the internet as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

- 2. In the event of the tender being submitted by a firm, it must be signed separately either by one or all the partners or person duly authorised by the partners, it must be signed on behalf of the firm by a person holding the requisite authorisations, such authorisations to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
- 3. Receipts for payment on account of work done, when executed by a firm, must also be signed by one or all the partners or a duly authorised signatory of the firm.
- Applicable for Item Rate Tender only (Form- 3)

Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender two or more works shall submit separate tenders for each; with the nature and number of works to which they refer on the envelope.

The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and less and considering more that fifty paise as rupee one.

Applicable for Percentage Rate Tender only (Form- 2)

4A.

In case of Percentage Rate Tenders, tenderer shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule- A, he will be willing to execute the work Tenders, which propose any alteration in the work specified in the said form of invitation tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelope.

If for any special reasons, the contract provides for the payments for work done to be made at a specified percentage below or above the rates entered in the sanctioned estimate of the work (or the Scheduled of Rates), it should be stated in clear terms in Chief English

(Seal & Signature of Tenderer)

B.S.E.I.D.C. Ltd, Patna

Item Rate

(Form- 3)

Tender only

the contract that the deductions or additions, as the case may be of the percentage, will be calculated on the gross, and not the net amounts of the bills for work done and in fixing the percentage it should be borne in mind that the calculations will be made.

- The officer inviting tender or his duly authorized assistant, will open tenders in the 5. presence of any intending contractors who may be present at the time, and will enter the amount of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same, without any interest.
- The officer inviting tenders shall have the right of rejecting all or any of the tenders and 6. will not be bound to accept the lowest or any other tender.
- The receipt of an accountant or clerk for any money paid by the contractor will not be 7. considered as an acknowledgment or payment to the officer inviting tender and the contractors shall be responsible for seeing that he procures a receipt signed by the office inviting tender or a duly authorized person.
- The memorandum of work tendered for and the schedule of materials to be supplied 8. by the department and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.
- For works of sensitive nature the tenderers shall sign a declaration under the Official 9. Secrets Act 1923, for maintaining secrecy of the tender documents drawing or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawing given to them.
- In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender 10. containing percentage below/above the rates quoted is liable to be rejected. Rates Applicable for quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy if any discrepancy found or the rates which correspond with the amount worked out of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount.
- In case of Percentage Rate Tenders only percentage quoted shall be considered. Any 10A. tender containing item rates is liable to be rejected. Percentage quoted by the Applicable for contractor in percentage rate tender shall be accurately filled in figures and words, so Percentage that there is no discrepancy. However if the contractor has worked out the amount of **Rate Tender** the tender and if any discrepancy is found in the percentage quoted in words and only (Form- 2) figures, the percentage which corresponds with the amount worked out by the contractor shall, unless otherwise proved, be take as correct. If the amount of the tender is not worked out by the contractor or it does not correspond with the percentage written either in figures or in words then the percentage quoted by the contractor in words shall be taken as correct. Where the percentage quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the

percentage quoted by the contractor will, unless otherwise proved, be taken as correct

Sonbhadra Construction Anil Kumas Sharna (Seal & Signature of Tenderer) Proprieto

and not the amount.

Chief Eng neer B.S.E.I.D.C. Ltd, Patria

- 11. In the case of any tender where unit rates of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.
- 12. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in Applicable for figures as well as in words and the amount in figures only, in such a way that **Item Rate** interpolation is not possible. The total amount should be written both in figures and in Tender only words. In case of figures, the word 'Rs' should be written before the figure of rupees (Form- 3) and word 'P' after the decimal figures, e.g. 'Rs 2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written in the end. Unless the rate is in whole rupee and followed by the word 'only' it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

Applicable for Percentage **Rate Tender** only (Form- 2)

12A.

In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs' should be written before the figure of rupees and word P after the decimal figures, e.g. 'Rs 2.15 P and in case of words, the word 'Rupees' should precede and the word 'paise' should be written at the end.

The Quoted rate less than x % below the BOQ cost will be unworkable and bid will be rejected where x = 10 %; if materials will not be issued by the employer. And if materials will be issued by the employer then

$$X = (A - B) / A X 10 \%$$

Where A = BOQ Cost

B = Cost of materials stipulated to be issued by the employer.

- 13. (i) The contractor whose tender is accepted, will be required to furnish performance guarantee of 2 (two percent) including earnest money of the tendered amount within specified period. This guarantee shall be in the form of or Bank guarantee from any Nationalised / schedule bank in the State for works of more than one crore.
  - (ii) The contractor whose tender is accepted, will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 8 % of the tendered value of the work. The security deposit will be collected by deductions from the running bills of the contractor at the rates mentioned above
  - On acceptance of the tender, the name of the accredited representative(s) of the 14. contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.
  - 15. Sales-tax, purchase tax, turnover tax, service tax, entry tax royalty or any other tax on material in respect of this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same.
  - The contractor shall give a list of both gazetted and non-gazetted BSEIDC employees 16. related to him posted in the division, if any.
  - The tender for the work shall not be witnessed by a contractor or contractors who 17. himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection. Sonbhadra Construction

(Sear & Signature of Tenderer) Proprietor

B.S.E.I.D.C. Ltd, Patne

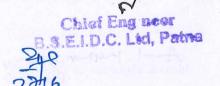
- 18. The tender for composite work includes in addition to building work all other works such as sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. The tenderer apart from being a registered contractor (B&R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.
- 19. The contractor shall submit list of works which are in hand (progress) in the following form:-

| Name of<br>Work | Name of Particular of<br>Div. where work is | Value of Work  | Position of work in Progress | Remarks                               |
|-----------------|---|--|------------------------------|---------------------------------------|
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20. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of the contract and the Superintending Engineer/Executive Engineer / competent Authority of the Bihar State Educational Infrastructure Development Corporation Ltd. may in his discretion without prejudice to any other right or remedy available in law cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

Sonbhadra Construction

(Seal & Signature of Tenderer)



#### **CONDITIONS OF CONTRACT**

- Definitions: 1. The contract means the document forming the tender and acceptances thereof and the formal agreement executed between the competent authority on behalf of the Bihar State Educational Infrastructure Development Corporation Ltd. and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time form one contract and shall be complementary to one another.
  - 2. In the contract, the following expressions shall, unless the context otherwise requires have the meanings, hereby respectively assigned to them:
    - i) The expression works or work shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
    - ii) The site shall mean the land/or other places on. into or through which work is to be executed under the contract or any adjacent land, path or street through which work is to be executed under the contract or any adjacent land, path or street which may be allotted or used for the purpose of carrying out the contract.
    - iii) The Contractor shall mean the individual, firm or company, whether incorporate or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm of company.
    - iv) The Engineer-in-Charge means the Engineer officer who shall supervise and be incharge of the work and who shall sign the contract on behalf of the Bihar State Educational Infrastructure Development Corporation Ltd. as mentioned in Schedule 'F' hereunder.
    - v) Corporation shall mean the Bihar State Educational Infrastructure Development Corporation Ltd..
    - vi) Excepted Risk are risks due to riots (other than those on account of contractor employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurrection, any act of Government, damages from aircraft, acts of God, such as earthquake, lightening and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the Accepting Authority Provided that the contractor is also to show that he has taken all due precautions to avoid / un minimise any adverse after / damage from the above or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a caused solely due to Government's faulty design of works.
    - vii) <u>Bill of quantity</u> means the price and completed Bill of Quantities forming part of the Bid.
    - viii) The Defect liability certificate is the certificate issued by Engineer-in-Charge after defect liability period has ended and upon correction of defects by the contractor.
    - ix) The defect liability period will be decided by the Corporation for different nature of works from date of completion of the work and must be mentioned in the agreement.

It will be decided by the Corporation for different nature of work from time to time as mentioned in contract Data.

x) The intended completion date is the time intended to complete the work by the contractor.

Sonuhadra Construction

(Seal & Signature of Tenderer)

Chief Eng neor
B.S.E.I.D.C. Ltd, Patria

- The start date is given in the contract data. It is the date when the contractor shall xi) commence execution of the works. It does not necessarily coincide with any of the site possession date.
- A sub contractor is a person or corporate body who has a contract with the xii) contractor to carry out a part of the construction work in the contract, which includes work on the site.
- Temporary works are works designed, constructed, installed and removed by the xiii) contractor that are needed for construction or installation of the works.
- Market Rate shall be the rate as decided by the competent authority on the basis of xiv) the cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in Schedule 'F' to cover, all overheads and profits.
- Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Government mentioned in Schedule 'F' hereunder, with the amendments thereto issued up to date of receipt of the tender.
- xvi) Corporation means Bihar State Educational Infrastructure Development Corporation Limited, which invite tenders on behalf of Competent Authority of Corporation as specified in schedule 'F'.
- xvii) Specifications means the specifications followed by relevant department of the Government of India / State Government.
- xviii) Tender value means the value of the entire work as stipulated in the letter award.

#### Scope and 3. erformance

Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

- Heading and Marginal notes to these General Conditions of Contract shall not be deemed 4. to form part thereof or be taken info consideration in the interpretation or construction thereof or of the contract.
- The contractor shall be furnished, free of cost one certified copy of the contract 5. documents except standard specifications, Schedule of Rates and such other printed and published documents, together with all drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other that that of this contract.

### Works to be 6 carried out:

The work to be carried out under the Contract shall, except as otherwise provided these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities (Schedule - A) shall unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.

## Sufficiency 7. of Tender

The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

## Piscrepanci 8. es and ^djustment of Errors

The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.

In the case of discrepancy between the schedule of Quantities, the Specifications and/or 8.1 Sonbhadra Construction order of preference shall be observed D.C. Ltd. Paris

(Seal & Signature of Tenderer) Proprieto

- i) Description of Schedule of Quantities.
- ii) Particular Specification and Special Condition, if any
- iii) Drawings.
- iv) MORT & H specification.
- v) Indian Standard Specifications of B.I.S.
- 8.2 If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
- 8.3 Any error in description, quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.

## Signing of Contract

- 9. The successful tenderer/contractor, after submitting the performance guarantee i.e. within 7 days of receipt of letter of acceptance shall attend the office of the Engineer-in-Charge for authentication signing and completion of the contractor document and execute the agreement consisting of:
  - i) the notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
  - Standard P.W.D. Form as mentioned in Schedule 'F' consisting of:
     Various standard clauses with corrections up to the date stipulated in Schedule 'F' along with annexure thereto.
  - iii) Drawing.

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#### **CLAUSE OF CONTRACT**

#### **CLAUSE 1**

(i)

## Performance Guarantee

The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of 2% (Two percent) of the tendered amount including earnest money in the shape as mentioned in the Bihar Financial Rules or Bank Guarantee (for work costing more than one crore) or any other deposits mentioned for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in scheduled 'F' from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge up to a maximum period as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Bank Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of N.S.C. of Post Office/ Pleadged in favour of department; D.D. of any Scheduled Bank or State Bank of India or Bank Guarantee (for work costing more than Rupees one Crore.

- (ii) The performance Guarantee shall be initially valid up to 28 days beyond the defect liability.
- (iii) The Engineer-in-Charge shall not make a claim under the Performance guarantee except for amounts to which the Corporation is entitled under the contract (notwithstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:
  - (a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance guarantee.
  - (b) Failure by the contractor to pay the Corporation any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.
  - (c) Failure by the contractor to rectify any defects as defined in the defect liability clause in the schedule – F of contract data to the satisfaction of the Engineer incharge.
- (iv) In the event of the contract being determined or rescinded under provisions of any of the clause/condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Governor of Bihar.

#### **CLAUSE 1 A**

Recovery of Security Deposit The person/persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit the Corporation at the time of making any payment to him for work done under the contract to deduct a sum at 8 % (eight percent) from the gross amount of each running bill till full amount of security deposit 10% (ten percent) of agreement value or value of work (whichever is higher) is reached. If value of work exceeds the agreement value, security deposit (10%) will be recovered for the exceeded work.

All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, or from any sums which may be due to or may become due to the contractor by the Corporation on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit receipt tendered by the State Bank of India or by Scheduled Banks or Government Securities (if deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge, any sum or sums which may have been deducted from, or raised by sale of his security deposit

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or any part thereof. The security deposit shall be collected from the running bills of the contractor at the rates mentioned above and the earnest money at the time of tenders will be treated a part of the Security Deposit.

#### CLAUSE 2

for Delay (Liquidated Damage

If the contractor fails to maintain the required progress in terms of clause 5 or to complete Compensation the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government / Corporation on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as the Superintending Engineer / Chief Consultant (Technical) (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day/month (as applicable) that the progress remains below that specified in Clause 5 or that the work remains incomplete.

> This will also apply to items or group of items for which a separate period of completion has been specified.

i) Compensation

for delay of work

@ 2 % per month of delay to be computed on per Day basis

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work or to the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.

The amount of compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Corporation. In case, the contractor dies not achieve a particular milestone mentioned in schedule- F, or the rescheduled milestone(s) in terms of Clause 5.4, the amount shown against that milestone shall be withheld, to be adjusted against the compensation levied at the final grant of extension of time. Withholding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

#### **CLAUSE 2A**

Incentive for early completion

In case, the contractor completes the work ahead of scheduled completion time, a bonus @ 1% (one percent) of the tendered value per month computed on per day basis, shall be payable the contractor, subject to a maximum limit of 5% (five percent) of the tendered value. The amount of bonus, if payable, shall be paid along with final bill after completion of work. Provided always that provision of the Clause 2A shall be applicable only when so provided in 'Schedule F'.

#### **CLAUSE 3**

can be Determined / Rescined

When Contract Subject to the other provisions contained in this clause the Engineer-In-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or Mas not elapsed, by Sometice in writing absolutely determine the contract in any of the following cases

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- i) It the contractor having been given by the Engineer-in-Charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or unworkman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.
- ii) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wind up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.
- iii) if the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Engineer-in-Charge (which shall be final and binding) he will be unable to secure completion of the work by the date of completion and continues to do so after a notice in writing of seven days from the Engineer-in-Charge.
- iv) If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge.
- v) If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge.
- vi) If the contractor commits any acts mentioned in Clause 21 hereof:
- vii) If the work is not started by the contractor within 1/8<sup>th</sup> of the stipulated time subject to the maximum of 45 days.

When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the Corporation shall have powers:

- a) To determine or rescind the contract as aforesaid (of which termination or rescission notice in writing to the contractor under the hand of Engineer-in-Charge shall be conclusive evidence). Upon such determination or rescission the Earnest Money Deposit, Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Corporation.
- b) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined or rescinded as above, shall not be allowed to participate in the tendering process for the balance work.

In the event of above course(s) being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

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#### CLAUSE 3A

In case, the work cannot be started due to reasons not within the control of the contractor as decided by the Employer within 1/4th of the stipulated time for completion of work, either party may close the contract. In such eventuality, the Earnest Money deposit and the Performance Guarantee of the contractor shall be refunded, but no payment on account of interest, loss of profit or damages etc. shall be payable at all, the reasons shall be examined by the Superintending Engineer / Chief Consultant (Technical) and his decision shall be final and binding.

#### **CLAUSE 4**

to pay compensation taken under Clause 3

Contractor liable In any case in which any of the powers conferred upon the Engineer-in-Charge by Clause-3 thereof, shall have become exercisable and the same are not exercised the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall even if action not notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer-in-Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Engineer-in-Charge which shall be final and binding on the contractor) use as on hire (the amount of the hire money being also in the final determination of the Engineer-in-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work, or any part thereof, paying or allowing for the same in account at the contract rates or, in the case of these not being applicable, at current market rates to be certified by the Engineer-in-Charge, whose certificate thereof shall be final, and binding on the contractor, clerk of the works, foreman or other authorized agent to remove such tools, plant, materials, or stores from the premises (within a time to be specified in such notice) in the event of the contractor failing to comply with any such requisition, the Engineer-in-Charge may remove them at the contractor's expense or sell them by auction or private sale on account of the contractor and his risk in all respects and the certificate of the Engineer-in-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.

#### **CLAUSE 5**

Time and Extension for Delay

The time allowed for execution of the Works as specified in the Schedule 'F' or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in letter of acceptance or from the date of handing over of the site whichever is later. If the Contractor commits default in commencing the execution of the work as aforesaid, Corporation shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the security deposit absolutely.

5.1 As soon as possible after the contract is concluded the Contractor shall submit a Time & Progress Chart for each milestone and get it approved by the Employer. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the work. It shall indicate the forecast of the dates of commencement and completion of various trades or sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and Contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate Prográmme has been

Sonbagreed (upon) complete the work as per milestone given in schedule 'F'

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- 5.2 If the work(s) be delayed by.
  - i) force majeure, or
  - ii) Serious loss or damage by fire, or
  - iii) Civil commotion, local.
  - iv) delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract, or
  - v) non-availability of stores, which are the responsibility of Employer to supply or
  - vii) non-availability or break down of tools and Plant to be supplied or supplied by Employer or
  - vii) any other cause which, in the absolute discretion of the authority mentioned in Schedule 'F' is beyond the Contractor's control.

then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

- 5.3 Request for the rescheduling of Milestones and extension of time, to be eligible for consideration, shall be made by the contractor in writing within fourteen days of the happening of the hindering event causing delay on the prescribed form. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.
- 5.4 In any such case the authority mentioned in Schedule 'F' may give a fair and reasonable extension of time and reschedule the milestones for completion of work. Such extension shall be communicated to the Contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.
- 5.5 The basic centerlines, reference points and benchmarks will be fixed by the Corporation. The contractor shall establish at his own cost at suitable points, additional reference lines and bench marks as may be necessary and instructed by the Engineer-in-charge. The contractor shall remain responsible for the sufficiency and accuracy of all the bench marks and reference lines.

#### **CLAUSE 5A**

The Engineer may require the contractor to attend a progress review meeting during execution of work.

The Engineer shall record the minutes of the meeting and provide a copy to the Contractor for compliance. These minutes will be a part of evidence in case of any request for extension of time or impunitive action against the contractor.

#### **CLAUSE 6**

Measurement Engineer-in-Charge shall, except as otherwise provided, ascertain and determine of Work Done measurement and the value in accordance with the contract of work done.

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All measurement of all items having financial value shall be entered in Measurement Book and/or level field book so that a complete record is obtained of all works perform under the contract.

All measurements and levels shall be taken jointly by the Engineer-in-Charge or his authorized representative and by the contractor or his authorized representative at least once in a month during the progress of the work and such measurements shall be signed and dated by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance. If the contractor objects to any of the measurements recorded, a note shall be made to that effect with reason and signed by both the parties.

If for any reason the contractor or his authorized representative is not available and the work of recording measurements is suspended by the Engineer-in-Charge or his representative, the Engineer-in-Charge and the Corporation shall not entertain any claim from contractor for any loss or damages on this account. If the contractor or his authorized representative does not remain present at the time of such measurements after the contractor or his authorized representative has been given a notice in writing three (3) days in advance or fails to countersign or to record objection within a week from the date of the measurement, then such measurements recorded in his absence by the Engineer-in-Charge or his representative shall be deemed to be accepted by the Contractor.

The contractor shall, without extra charge, provide all assistance with every appliance labour and other things necessary for measurements and recording levels.

Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard method of measurement issued by the Bureau of India Standards and if for any item no such standard is available then a mutually agreed method as approved by the Corporation shall be followed.

The contractor shall give not less than seven days notice to the Engineer-in-Charge or his authorized representative in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimension thereof be taken before the same is covered up or placed beyond the reach of measurement and shall not cover up and place beyond reach of measurement any work without consent in writing of the Engineer-n-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing the same shall be uncovered at the contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

Engineer-in-Charge or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded jointly or otherwise as aforesaid and all provisions stipulated herein above shall be applicable to such checking of measurements or levels.

It is also a term of this contract that recording of measurements of any item of work in the measurement book and/or its payment in the interim, on account or final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement defects noticed till completion of the defects liability period.

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Chief Eng neer B.S.E.I.D.C. Ltd, Patria

#### **CLAUSE 7**

Payment on Intermediate Certificate to be Regarded as Advances No payment shall be made for work for less than the estimated work of Rs. 2.5 lacs till the whole of the work shall have been completed and certificate of completion given. For works estimated to cost over Rs. 2.5 lacs the interim or running account bill shall be submitted by the contractor for the work executed on the basis of such recorded measurements on the format of the Corporation in triplicate on or before the date of every month fixed for the same by the Engineer-in-Charge. The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than the amount specified in Schedule 'F', in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved. The Engineer-in-Charge shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurements of the work. In the event of the failure of the contractor to submit the bills, Engineer-in-Charge shall prepare or cause to be prepared such bills in which event no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor. Payment on account of amount admissible shall be made by the Engineer-in-Charge certifying the sum to which the contractor is considered entitled by way of interim payment at such rates as decided by the Engineer-in-Charge. The amount admissible shall be paid by 10th working day after the day of presentation of the bill by the Contractor to the Engineer-in-Charge or his Assistant Engineer together with the account of the material issued by the Corporation, or dismantled materials, if any. In the case of works outside the headquarters of the Engineer-in-Charge the period of ten working days will be extended to fifteen working days.

All such interim payments shall be regarded as payment by way of advances against final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Engineer-in-Charge relating to the work done or materials delivered forming part of such payment may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-Charge under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

Pending consideration of extension of date of completion interim payments shall continue to be made as herein provided as per clause - 2, without prejudice to the right of the Corporation to take action under the terms of this contract for delay in the completion of work, if the extension of date of completion is not granted by the competent authority.

#### **CLAUSE 8**

Completion Certificate and Completion Plans

Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in-Charge and within fifteen days of the receipt of such notice the Engineer-in-Charge shall inspect the work and if there is no defect in the work shall furnish the contractor with a final certificate of completion, otherwise a provisional certificate of physical completion indicating defects (a) to be rectified by the contractor and/or (b) for which payment will be made at reduced rates, shall be issued. But no final certificate of completion shall be issued, nor shall the work be considered to be complete until the contractor shall have removed from the premises on which the work shall be executed all scaffolding, surplus materials, rubbish and all huts and Sonbhadra Construction.

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sanitary arrangements required for his/their work people on the site in connection with the execution of the works as shall have been erected or constructed by the contractor(s) and cleaned off the dirt from all wood work, doors, windows, walls, floor or other parts of the building, in, upon, or about which the work is to be executed or of which he may have had possession for the purpose of execution thereof, and not until the work shall have been measured by the Engineer-in-Charge. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding, surplus materials and rubbish and all huts and sanitary arrangements as aforesaid and cleaning off dirt on or before the date fixed for the completion of work, the Engineer-in-Charge may at the expense of the contractor remove such scaffolding surplus materials and rubbish etc. and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall have no claim in respect of scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

#### **CLAUSE 8A**

Contractor to

When the annual repairs and maintenance of works are carried out, the splashes and Keep Site Clean droppings from white washing, color washing, painting etc. on walls, floor, windows etc. shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done without waiting for the actual completion of all the other items of work in the contract. In case the contractor fails to comply with the requirements of this clause, the Engineer-in-Charge shall have the right to get this work done at the cost of the contractor either departmentally or through any other agency. Before taking such action, the Engineer-in-Charge shall give ten days notice in writing to the contractor.

#### **CLAUSE 8 B**

**Completion Plans** to be Submitted by the Contractor The contractor shall submit completion plan as required vide General Specifications for Electrical works (Part-I internal) 1972 and (Part-II External) 1974 as applicable within thirty days of the completion of the work.

In case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs. 15,000 (Rs. Fifteen thousand only) as may be fixed by the Superintending Engineer/Chief Consultant(Technical) concerned and in this respect the decision of the Superintending Engineer/ Chief Consultant (Technical) shall be final and binding on the contractor.

#### **CLAUSE 9**

Payment of Final Bill

The final bill shall be submitted by the contractor in the same manner as specified in interim bills within three months of physical completion of the work or within one month of the date of the final certificate of completion furnished by the Engineer-in-Charge whichever is earlier. No further claims shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within the period specified herein under, the period being reckoned from the date of receipt of the bill by the Engineer-in-Charge or his authorized Assistant Engineer, complete with account of materials issued by the Department and dismantled materials.

i)If the Tendered value of work is up to Rs. 1 crores: 2 months

ii)If the Tendered value of work exceeds Rs. 1 crores: 4 months

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#### **CLAUSE 9 A**

Payment of Contractor's Bills to Banks

Payments due to the contractor may, if so desired by him, be made to his bank instead of direct to him provided that the contractor furnishes to the Engineer-in-Charge (1) an authorisation in the form of a legally valid document such as a power of attorney conferring authority on the bank to receive payments and (2) his own acceptance of the correctness of the amount made out as being due to him by Corporation or his signature on the bill or other claim preferred against Corporation before settlement by the Engineer-in-Charge of the account or claim by payment to the bank. While the receipt given by such banks shall constitute a full and sufficient discharge for the payment, the contractor shall wherever possible present his bills duly receipted and discharges through his bankers.

Nothing herein contained shall operate to create in favour of the bank any rights or equities vis-a-vis the Governor of Bihar.

## **CLAUSE 10**

**Materials** supplied by Corporation

Materials which the Corporation will supply in rare case are shown in schedule 'B' which also stipulates quantum, place of issue and rate(s) to be charged in respect thereof. The contractor shall be bound to procure them from the Engineer-in-Charge.

As soon as the work is awarded, the contractor shall finalise the programme for the completion of work as per clause 5 of this contract and shall give his estimates of materials required on the basis of drawings/or schedule of quantities of the work. The Contractor shall give in writing his requirement to the Engineer-in-Charge which shall be issued to him keeping in view the progress of work as assessed by the Engineer-in-Charge, in accordance with the agreed phased programme of work indicating monthly requirements of various materials. The contractor shall place his indent in writing for issue of such materials at least 7 days in advance of his requirement.

Such materials shall be supplied for the purpose of the contract only and the value of the materials so supplied at the rates specified in the aforesaid schedule shall be set off or deducted, as and when materials are consumed in items of work (including normal wastage) for which payment is being made to the contractor, from any sum then due or which may therefore become due to the contractor under the contract or otherwise or from the security deposit. At the time of submission of bills the contractor shall certify that balance of materials supplied is available at site in original good condition.

The contractor shall submit along with every running bill (on account or interim bill) material wise reconciliation statements supported by complete calculations reconciling total issue, total consumption and certified balance (diameter/section-wise in the case of steel) and resulting variations and reasons therefore. Engineer-in-Charge shall (whose decision shall be final and binding on the contractor) be within his rights to follow the procedure of recovery in clause 42 at any stage of the work if reconciliation is not found to be satisfactory.

The contractor shall bear the cost of getting the material issued, loading, transporting to site, unloading, storing under cover as required, cutting assembling and joining the several parts together as directed by the engineer-in-charge. Not withstanding anything to the contrary contained in any other clause of the contract and (or the PWD Code) all stores/materials so supplied to the contractor or procured with the assistance of the Corporation shall remain the absolute property of the Corporation and the contractor shall be the trustee of the stores/materials, and the said stores/materials shall not be removed/disposed off from the site of the work on any account and shall be at all times open to inspection by the Engineer-in-Charge or his authorized agent/ Any such stores/materials remaining unused shall be returned to the Engineer-ip-Charge in as good a condition in which they were originally supplied at a require, but in case it is Sonbhadra Construction

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decided not to take back the stores/materials the contractor shall have no claim for compensation on any account of such stores/materials so supplied to him as aforesaid and not used by him or for any wastage in or damage to in such stores/materials.

On being required to return the stores/materials, the contractor shall hand over the stores/materials on being paid or credited such price as the Engineer-in-Charge shall determine, having due regard to the condition of the stores/materials. The price allowed for credit to the contractor, however, shall be at the prevailing market rate not exceeding the amount charged to him, excluding the storage charge, if any. The decision of the Engineer-in-Charge shall be final and conclusive. In the event of breach of the aforesaid condition, the contractor shall in addition to the throwing himself open to account for contravention of the terms of the licences or permit and/or for criminal breach of trust, be liable to the Corporation for all advantages or profits resulting or which in the usual course would have resulted to him by reason or such breach. Provided that the contractor shall in no case be entitled to any compensation or damages on account of any delay in supply or non-supply thereof all or any such materials and stores provided further that the contractor shall be bound to execute the entire work if the materials are supplied by the Corporation within the original scheduled time for completion of the work plus 50% thereof or schedule time plus 6 months whichever is more if the time of completion of work exceeds 12 months but if a part of the materials only has been supplied within the aforesaid period then the contractor shall be bound to do so much of the work as may be possible with the materials and stores supplied in the aforesaid period. For the completion of the rest of the work, the contractor shall be entitled to such extension of time as may be determined by the Engineer-in-Charge whose decision in this regard shall be final and binding on the contractor.

The contractor shall see that only the required quantities of materials are got issued. Any such material remaining unused and in perfectly good/original condition at the time of completion or determination of the contract shall be returned to the Engineer-in-Charge at the stores from which it was issued or at a place directed by him by a notice in writing. The contractor shall not be entitled for loading, transporting, unloading and stacking of such unused material except for the extra lead, if any involved, beyond the original place of issue. Quantities issued in excess of requirement with respect to work done and not returned back to the department, recovery will be made of double of issue rate.

### **CLAUSE 10 A**

Materials to be provided by the Contractor The contractor shall, at his own expense, provide all materials, required for the works other than those, which are stipulated, to be supplied by the Corporation.

The contractor shall, at his own expense and without delay, supply to the Engineer-in-Charge samples of materials to be used on the work and shall get these approved in advance. All such materials to be provided by the Contractor shall be in conformity with the specifications laid down or referred to in the contract. The contractor shall, if requested by the Engineer-in-Charge furnish proof, to the satisfaction of the Engineer-in-Charge that the materials so comply. The Engineer-in-Charge shall within fifteen days of supply of samples or within such further period as he may require intimate to the Contractor in writing whether sample are approved by him or not. If samples are not approved, the Contractor shall forthwith arrange to supply to the Engineer-in-Charge for his approval fresh samples complying with the specifications laid down in the contract. When materials are required to be tested in accordance with specifications, approval of the Engineer-in-Charge shall be issued after the test results are received.

The Contractor shall at his risk and cost submit the samples of materials to be tested or analysed and shall not make use of or incorporate in the work any materials on bhadra Construction.

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represented by the samples until the required tests or analysis have been made and materials finally accepted by the Engineer-in-Charge. The Contractor shall not be eligible for any claim or compensation either arising out of any delay in the work or due to any corrective measures required to be taken on account of and as a result of testing of materials.

The contractor shall, at his risk and cost, make all arrangements and shall provide all facilities as the Engineer-in-Charge may require for collecting, and preparing the required number of samples for such tests at such time and to such place or places as may be directed by the Engineer-in-Charge and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications. The Engineer-in-Charge or his authorized representative shall at all time have access to the works and to all workshops and places where work is being prepared or from where materials, manufactured articles or machinery are being obtained for the works and the contractor shall afford every facility and every assistance in obtaining the right to such access.

The Engineer-in-Charge shall have full powers to require the removal from the premises of all materials which in his opinion are not in accordance with the specifications and in case of default the Engineer-in-Charge shall be at liberty to employ at the expense of the contractor, other persons to remove the same without being answerable or accountable for any loss for damage that may happen or arise to such materials. The Engineer-in-Charge shall also have full powers to require other proper materials to be substituted thereof and in case of default the Engineer-in-Charge may cause the same to be supplied and all costs which may attend such removal and substitution shall borne by the Contractor.

## **CLAUSE 10 B**

Secured Advance on Non-perishable Materials The contractor, on signing an indenture in the form to be specified by the Engineer-in-Charge, shall be entitled to be paid during the progress of the execution of the work up to 75% of the assessed value of any materials which are in the opinion of the Superintending Engineer / Chief Consultant(Technical) of the Corporation nonperishable, non-fragile and noncombustible and are in accordance with the contract and on the site in connection therewith and are adequately stored and/or protected against damage by weather or other causes but which have not at the time of advance been incorporated in the works. When materials on account of which advance has been made under this sub-clause are incorporated in the work the amount of such advance shall be recovered/deducted from the next payment made under any or the clause or clauses of this contract.

Mobilization advance not exceeding 10% of the tendered value may be given, if requested by the contractor in writing within one month of the order to commence the work. In such a case the contractor shall execute a Bank Guarantee/ Bond from a Scheduled Nationalised Bank as specified by the Engineer-in-Charge for the full amount of such advance before it is released. Such advance shall be in two or more installments to be determined by the Engineer-In-charge at his absolute discretion. The first installment of such advance before shall be released by the Engineer-in-Charge to the contractor on a request made by the contractor to the Engineer-in-Charge in this behalf. The second and subsequent installment shall be released by the Engineer-in-Charge only after the contractor furnishes a proof of the satisfactory utilisation of the earlier installment to the entire satisfaction of the Engineer-In-Charge.

Plant & iii)
Machinery & Shuttering
Material South

Advance

An advance for plant machinery required for the work and brought to site by the Contractor may be given if requested by the contractor in writing within one month of bringing such plant and machinery to site. Such advance shall be given on such plant and machinery which in the opinion of the Engineer in Charge will add to the

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expeditious execution of work and improve the quality of work. The amount of advance shall be restricted to 5% of the tender value. In the case of new plant and equipment to be purchased for the work the advance shall be restricted to 85% of the price of such new plant and equipment paid by the contractor for which the contractor shall produce evidence satisfactory to the Engineer-in-Charge and approval from Engineer-in-Charge. In the case of second hand and used plants and equipment, the amount of such advance shall be limited to 50% of the depreciated value of plant and equipment as may be decided by the Engineer-in-Charge. The contractor shall, if so required by the Engineer-in-Charge, submit the statement value of such old plant and equipment duly approved by a Registered Valuer recognized by the Central Board of Direct Taxes under the Income-Tax Act, 1961. No such advance shall be paid on any plant and equipment of perishable nature and on the plant and equipment of a value less than Rs. 50,000/- Seventy five percent of such amount of advance shall be paid after the plant & equipment is brought to site and balance twenty five percent on successfully commissioning the same only after approval from Engineer-in-Charge.

Leasing of equipment shall be considered at par with purchase of equipment and shall be covered by tripartite agreement with the following:

- Leasing company which gives certificate of agreeing to lease equipment to the contractor.
- 2. Engineer in Charge, and
- 3. The contractor.

This advance shall further be subject to the condition that such plant and equipment (a) are considered by the Engineer-in-Charge to be necessary for the works; (b) and are in and are maintained in working order; (c) hypothecated to the Government as specified by the Engineer-in-Charge before the payment of advance is released. The contractor shall not be permitted to remove from the site such hypothecated plant and equipment without the prior written permission of the Engineer-in-Charge. The contractor shall be responsible for maintaining such plant and equipment in good working order during the entire period of hypothecation falling which such advance shall be entirely recovered in lump sum. For this purpose steel scaffolding and from work shall be treated as plant and equipment.

The contractor shall insure the Plant and Machinery for which mobilization advance is sought and given, for a sum sufficient to provide for their replacement at site. Any amounts not recovered from the insurer will be borne by the contractor.

## Interest & Recovery

The mobilization advance and plant and machinery advance in (ii)&(iii) above bear simple interest and should be equal to the prevailing rate of interest charged by the bank as mentioned in contract date schedule 'F' and shall be calculated from the date of payment to the date of recovery, both days inclusive, on the outstanding amount of advance. Recovery of such sums advanced shall be made by the deduction from the contractor's bills commencing after first ten per cent of the gross value of the work is executed and paid, on pro-rata percentage basis to the gross value of the work billed beyond 10% in such a way that the entire advance is recovered by the time eighty per cent of the gross value of the contract is executed and paid, together with interest due on the entire outstanding amount up to the date of the installment.

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- v) If the circumstances are considered reasonable by the Engineer-in-Charge, the period mentioned in (ii) and (iii) for request by the contractor in writing for grant of mobilization advance and plant and equipment advance may be extended in the discretion of the Chief Executive Officer.
- vi) The said bank guarantee for advances shall initially be made for the full amount and valid for the contract period, and be kept renewed from time to time to cover the balance amount and likely period of complete recovery together with interest.
- vii) Any materials including tools plants equipments etc brought to the site shall not be removed from the sites without the written permission of the Engineer-in-charge.

### **CLAUSE 10 C**

Payment on
Account of
Increase in
Prices/Wages
due to Statutory
Order(s)

If after submission of the tender the price of any material incorporated in the works (not being a material supplied from the Engineer-in-Charge's stores in accordance with clause 10 thereof) and/or wages of labour increases as a direct result of the coming into force of any fresh law, or statutory rule or order (but not due to any changes in sales tax) and such increase in the price and/or wages prevailing at the time of the last stipulated date for receipt of the tenders including extensions if any for the work, and the contractor thereupon necessarily and properly pays in respect of that material (incorporated in the works) such increased price and/or in respect of labour engaged on the execution of the work such increased wages, then the amount of the contract shall accordingly be varied and provided further that any such increase shall not be payable if such increase has become operative after the stipulated date of completion of the work in question.

If after submission of the tender, the price of any material incorporated in the works (not being a material supplied from the Engineer-in-Charge's stores in accordance with clause 10 thereof) and/or wages of labour is decreased as a direct result of the coming not force of any law or statutory rules or order (but not due to any changes in sales tax) and such decrease in the prices and/ or wages prevailing at the time of receipt of the tender for the work. The Corporation shall in respect of materials incorporated in the works (not being materials supplied from the Engineer-in-Charge's stores in accordance with Clause-10 hereof) and/or labour engaged on the execution of the work after the date of coming into force of such law statutory rule or order be entitled to deduct from the dues of the contractor such amount as shall be equivalent to the difference between the prices of the materials and/or wages as prevailed at the time of the last stipulated date for receipt of tenders including extensions if any for the work and the price of materials and/or wages of labour on the coming into force of such law, statutory rule or order.

The contractor shall, for purpose of this condition, keep such books of account and other documents as are necessary to show the amount of any increase claimed or reduction available and shall allow inspection of the same by a duly authorised representative of the Corporation, and further shall, at the request of the Engineer-in-Charge may require any documents so kept and such other information as the Engineer-in-Charge may require.

The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such material and/or wages of labour, give notice thereof to the Engineer-in-Charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in position to supply.

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#### **CLAUSE 10 CA**

Payment on Account of Increase/decre ase in Prices of construction materials after receipt of tender. If after submission of the tender, the price of cement or steel reinforcement bars / bitumen incorporated in the works (not being a material supplied from the Engineer-in-Charge's stores in accordance with Clause 10 thereof) increase(s) beyond the price(s) prevailing at the time of the last stipulated date for receipt of tenders (including extensions, if any) for the work, then the amount of the contract shall accordingly be varied and provided further that any such increase shall not be payable if such increase has become operative after the stipulated date of completion of work in question.

If after submission of the tender, the prices of cement and/or steel reinforcement bars / bitumen incorporated in the works (not being a material stipulated from the Engineer-in-Charge's stores in accordance with the Clause 10 thereof) is decreased, Corporation shall in respect of these materials incorporated in the works (not being materials supplied from the Engineer-in-Charge's stores in accordance with Clause 10 thereof) be entitled to deduct from the dues of the contractor such amount as shall be equivalent to the difference between the prices of Cement and/or Steel reinforcement bars/ bitumen as prevailed at the time of last stipulated date for receipt of tenders including extensions if any for the work and the prices of these materials on the coming into force of such base price of cement and/or steel reinforcement bars/ bitumen issued under authority of Schedule of Rate Committee.

The increase/decrease in prices shall be determined by the All India Wholesale Price Indices for Cement and Steel (bars and rods) as published by Economic Advisor to Government of India, Ministry of Commerce and Industry and base price for cement and/or steel reinforcement bars / bitumen as issued under authority of Schedule of Rate Committee as valid on the last stipulated date of receipt of tender, including extension if any and for the period under consideration.

The amount of the contract shall accordingly be varied for cement or steel reinforcement bars / bitumen and will be worked out as per the formula given below:-

### Adjustment for cement component

- (i) Price adjustment for increase or decrease in the cost of cement procured by the contractor shall be paid in accordance with the following formula:
  - $V_0 = 0.85 \times P_c / 100 \times R \times (C_1 C_0) / C_0$
  - V<sub>0</sub> = increase or decrease in the cost of work during the month under consideration due to changes in rates for cement.
  - R = Value of the work.
  - C<sub>0</sub> = The all India wholesale price index for cement on 28 days preceding the date of opening of Bids as published by the Ministry of Industrial Development, Government of India, New Delhi.
  - C<sub>1</sub> = The all India average wholesale price index for cement for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.
  - P<sub>c</sub> = Percentage of cement component of the work.

## Adjustment for Steel component

(ii) Price adjustment for increase or decrease in the cost of steel procured by the Contractor shall be paid in accordance with the following formula:

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- V<sub>s</sub> = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.
- S<sub>0</sub> = The all India wholesale price index for steel (Bars and Rods) on 25 days preceding the date of opening of Bids as published by the Ministry o Industrial Development, Government of India New Delhi.
- S<sub>1</sub> = The all India average wholesale price index for steel (Bars and Rods) for the month under consideration as published by Ministry of Industrial Development, New Delhi.
- $P_s$  = Percentage of Steel component of the work.

Note: For the application of this clause, index of Bars and Rods has been chosen to represent steel group.

## Adjustment of bitumen component

- (iii) Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:
  - $V_b = 0.85 \times P_b / 100 \times R \times (B_1 B_0) / B_0$
  - V<sub>b</sub> = Increase or decrease in the cost of work during the month under consideration due to changes in rates for bitumen.
  - $B_0$  = The office retail price of bitumen at the IOC depot at nearest center on the day 28 days prior to date of opening of Bids.
  - $B_1$  = The official retail price of bitumen of IOC depot at nearest center for the  $15^{th}$  day of the month under consideration.
  - $P_b$  = Percentage of bitumen component of the work.

#### **CLAUSE 10 CC**

Payment due to Contract price shall be adjusted for increase or decrease in rates and price of labour, increase / Decrease materials, fuels and lubricants in accordance with the following principles and procedures in Prices / Wages and as per formula given in the contract data:

- after receipt of tender (Time of completion more than 18 months)
- (a) The price adjustment shall apply for the work done from the start date given in the contract data upto end of the initial intended completion date or extensions granted by the Engineer and shall not apply to the work carried out beyond the stipulated time for reasons attributable to the contractor.
- (b) Following expressions and meanings are assigned to the work done during each month:
  - R = Total value of work done during the month. It would include the amount of secured advance granted, if any, during the month, less the amount of secured advance recovered, if any during the month. It will exclude value for works executed under variations for which price adjustment will be worked separately based on the terms mutually agreed.
- (c) To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clauses in the contract, the unit rates and prices included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.

The formula (e) for adjustment of prices are:

### Adjustment for labour component

(i) Price adjustment for increase or decrease in the cost due to labour shall be paid in accordance with the following formula:

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- $V_L = 0.85 \times P_1/100 \times R \times (L_1 L_0)/L_0$
- V<sub>L</sub> = increase or decrease in the cost of work during the month under consideration due to changes in rates for local labour.
- L<sub>0</sub> = the consumer price index for industrial workers for the State on 28 days preceding the date of opening of Bids as published by Labour Bureau, Ministry of Labour, Government of India.
- L<sub>1</sub> = The consumer price index for industrial workers for the State for the under consideration as published by Labour Bureau, Ministry of Labour, Government of India.
- $P_1$  = Percentage of labour component of the work.

## Adjustment for cement component

- (ii) Price adjustment for increase or decrease in the cost of cement procured by the contractor shall be paid in accordance with the following formula:
  - $V_0 = 0.85 \times P_0/100 \times R \times (C_{1} C_0)/C_0$
  - V<sub>0</sub> = increase or decrease in the cost of work during the month under consideration due to changes in rates for cement.
  - C<sub>0</sub> = The all India wholesale price index for cement on 28 days preceding the date of opening of Bids as published by the Ministry of Industrial Development, Government of India, New Delhi.
  - C<sub>1</sub> = The all India average wholesale price index for cement for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.
  - $P_c$  = Percentage of cement component of the work.

## Adjustment for Steel component

- (iii) Price adjustment for increase or decrease in the cost of steel procured by the Contractor shall be paid in accordance with the following formula:
  - $V_s = 0.85 \times P_s/100 \times R \times (S_1-S_0)/S_0$
  - V<sub>s</sub> = Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.
  - $S_0$  = The all India wholesale price index for steel (Bars and Rods) on 25 days preceding the date of opening of Bids as published by the Ministry o Industrial Development, Government of India New Delhi.
  - S<sub>1</sub> = The all India average wholesale price index for steel (Bars and Rods) for the month under consideration as published by Ministry of Industrial Development, New Delhi.
  - $P_1$  = Percentage of labour component of the work.
  - Note: For the application of this clause, index of Bars and Rods has been chosen to represent steel group.

## Adjustment of bitumen component

- (iv) Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:
  - $V_b = 0.85 \times P_b/100 \times R \times (B_1-B_0)/B_0$
  - V<sub>b</sub> = Increase or decrease in the cost of work during the month under consideration due to changes in rates for bitumen.

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The office retail price of bitumen at the IOC depot at nearest center on the  $B_0 =$ day 28 days prior to date of opening of Bids.

The official retail price of bitumen of IOC depot at nearest center for the  $B_1 =$ 15<sup>th</sup> day of the month under consideration.

Percentage of bitumen component of the work.  $P_1 =$ 

## Adjustment of POL (fuel and lubricant) component

- Price adjustment for increase or decrease in the cost of POL (fuel and lubricant) shall be paid in accordance with the following formula.
  - $0.85 \times P_f/100 \times R \times (F_1-F_0)/F_0$  $V_f =$
  - Increase or decrease in the cost of work during the month under  $V_f =$ consideration due to changes in rates for fuel and lubricants.
  - The official retail price of High Speed Diesel (HSD) at the existing  $F_0 =$ consumer pumps of IOC at nearest center on the day 28 days prior to the date of opening of Bids.
  - The official retail price of HSD at the existing consumer pumps of IOC at  $F_1 =$ nearest center for the 15th day of month of the under consideration.
  - Percentage of fuel and lubricants component of the work.  $P_1 =$
  - Note: For the application of this clause, the price of High Speed Diesel oil has been chosen to represent fuel and lubricants group.

## Adjustment for Plant and Machinery Spares component

- Price adjustment for increase or decrease in the cost of plant and machinery (vi) spares procured by the Contractor shall be paid in accordance with the following formula:
  - $V_p =$  $0.85 \times P_p/100 \times R \times (P_1-P_0)/P_0$
  - Increase or decrease in the cost of work during the month under  $V_p =$ consideration due to changes in rates for plant and machinery spares.
  - The all India wholesale price index for heavy machinery and parts on 28  $P_0 =$ days preceding the date of opening of Bids as published by the Ministry of Industrial Development Government of India, New Delhi.
  - The all India average wholesale price index for heavy machinery and parts  $P_1 =$ for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.
  - Percentage of plant and machinery spares component of the work.  $P_1 =$
  - Note: For the application of this clause, index of Heavy Machinery and Parts has been chosen to represent the Plant and Machinery Spares group.

## Adjustment of other materials component

- Price adjustment for increase or decrease in cost of local materials other than (vii) cement, steel, bitumen and POL procured by the contractor shall be paid in accordance with the following formula:
  - $V_m =$  $0.85 \times P_m/100 \times R \times (M_1-M_0)/M_0$
  - Increase or decrease in the cost of work during the month under  $V_m =$ consideration due to changes in rates for local materials other than cement, steel, bitumen and POL.
- The all India wholesale price index (all commodities) on 28 days preceding the date of opening of Bids, as published by the Ministry of Sonbhadra Const Industrial Development, Government of India, New Dethis near

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- $M_1 =$ The all India wholesale price index (all commodities) for the month under consideration as published by Ministry of Industrial Development, Government of India, New Delhi.
- $P_1 =$ Percentage of local material component (other than cement, steel, bitumen and POL) of the work.

The following percentages will govern the price adjustment for the entire contract:

| 1. | Labour - P <sub>1</sub>          | 25 %       |
|----|----------------------------------|------------|
| 2. | Cement – P <sub>c</sub>          | 5 %        |
| 3. | Steel – P <sub>s</sub>           | 5 %        |
| 4. | Bitumen – P <sub>b</sub>         | 10 %       |
| 5. | POL P <sub>f</sub>               | 5 %        |
| 6. | Plant & Machinery Spares – Pp    | 5 %        |
| 7. | Other materials – P <sub>m</sub> | 45 %       |
|    |                                  | Total 100% |

In contract where clause 10CA is applicable, this clause 10CC will not be (viii) applicable and in contract where this clause 10CC is applicable previous clause 10CA will not be applicable.

#### **CLAUSE 10 D**

Dismantled Material Govt. **Property** 

The contractor shall treat all materials obtained during dismantling of a structure, excavation of the site for a work, etc. as Employer's property and such materials shall be disposed off to the best advantage of Employer according to the PWD codal provision.

#### **CLAUSE 11**

Work to be Executed in Accordance with Specifications, etc.

The contractor shall execute the whole and every part of the work in the most substantial and workmanlike manner both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions in writing in respect of the work signed by Drawings, Orders the Engineer-in-Charge and the contractor shall be furnished free of charge one copy of the contract documents together with specification, designs, drawings and instruction as are not included in the standard specifications of Public Works Department specified in Schedule 'F' or in any Bureau of Indian Standard or any other, published standard or code or, Schedule of Rates or any other printed publication referred to elsewhere in the contract.

> The contractor shall comply with the provisions of the contract and with the care and diligence execute and maintain the works and provide all labour and materials, tools and plants including for measurements and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these, is specified or is reasonably inferred from the contract. The Contractor shall take full responsibility for adequacy, suitability and safety of all the works and methods of construction.

## **CLAUSE 12**

Deviations/ and Pricing

The Engineer-in-Charge (As per codal provision) shall have power (i) to make alternation Variations Extent in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Sonbengineer in Charge after approval from competent authority and such atterations

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omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

- The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the contractor, as follows:
  - i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus.
  - ii) 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge after approval from competent authority
- 12.2 In the case of extra item(s) the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, for the work and the Engineer-in-Charge after approval from competent authority shall within one month of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates as per power delegated in PWD Code and on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

Deviation, Extra items and Pricing

In the case of substituted items, the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the aforesaid para.

Deviation, Substituted Items, Pricing

- (a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
- (b) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

Deviation, Deviated Quantities, Pricing In the case of contract items, substituted items, contract cum substituted items, which exceed the limits laid down in Schedule F, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis, for the work in excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities the Engineer-in-Charge shall within one month of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates as per power delegated in PWD Code and on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

12.3 The provisions of the preceding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule 'F' and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the Sockess and after taking into consideration any reply received from him within fifteen days of receipt of the notice, revise the rates as per power delegated in PWD Code for the work

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in question within one month of expiry of the said period of fifteen days having regard to the market rates or current schedule of rate.

- 12.4 The contractor shall send to the Engineer-in-Charge once every three months an up to date account giving complete details of all claims for additional payments to which the contractor may consider himself entitled and of all additional work ordered by the Engineer-in-Charge after approval from competent authority which he has executed during the preceding quarter failing which the contractor shall be deemed to have waived his right. However, the Superintending Engineer / Chief Consultant (Technical) is authorized for consideration of such claims on merits.
- 12.5 For the purpose of operation of Schedule 'F' the following works shall be treated as works relating to foundation :
  - i) For buildings, compound walls plinth level or 1.2 meters (4 feet) above ground level whichever is lower excluding items of flooring and D.P.C. but including base concrete below the floors.
  - ii) For abutments, piers, retaining walls of culverts and bridges, walls of water reservoirs the bed of floor level.
  - iii) For retaining walls where floor level is not determinate 1.2 meters above the average ground level or bed level.
  - iv) For Roads all items of excavation and filling including treatment of sub-base.
- 12.6 Any operation incidental to or necessary has to be in contemplation of tenderer while filing tender, or necessary for proper execution of the item included in the Schedule of quantities or in the schedule of rates mentioned above, whether or not, specifically indicated in the description of the item and the relevant specifications, shall be deemed to be included in the rates quoted by the tenderer or the rate given in the said schedule of rates, as the case may be. Nothing extra shall be admissible for such operations.

#### **CLAUSE 13**

Foreclosure of Contract due to Abandonment or Reduction in Scope of Work If at any time after acceptance of the tender, Corporation shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer-in-Charge shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

The contractor shall be paid at contract rates for works executed at site only.

#### **CLAUSE 14**

Cancellation of contract in full or i) part

If the contractor:

- at any time makes default in proceeding with the works or any part of the work with due diligence and continues to do so after a notice in writing of 7 days from the Engineer-in-Charge; or
- ii) Commits default to comply with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge; or
- Fails to complete the works or items of work with individual dates of completion, on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge; or

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Shall offer or give or agree to give to any person in Government / Corporation iv) service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for Government / Corporation; or

TENDER: Renovation of Guest House Building at BSEB Office, Patna (SBD)

- Shall enter into a contract with Corporation in connection with which commission V) has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Accepting Authority/Engineer-in-Charge; or
- Shall obtain a contract with Corporation as a result of wrong tendering or other vi) non-bonafide methods of competitive tendering; or
- Being an individual, or if a firm, any partner thereof shall at any time be vii) adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors; or
- Being a company, shall pass a resolution or the Court shall make an order for viii) the winding up of the company, or a receiver or manager on behalf of the debenture holders or otherwise shall be appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or
- Shall suffer an execution being levied on his goods and allow it to be continued ix) for a period of 21 days; or
- Assigns, transfers, sublets (engagement of labour on a piece-work basis or of X) labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Competent Authority;

The Competent Authority may, without prejudice to any other right or remedy which shall have accrued or shall accrue hereafter to Government, by a notice in writing to cancel the contract as a whole or only such items of work in default from the Contract.

The Engineer-in-Charge shall on such cancellation by the Competent Authority have powers to:

- Take possession of the site and any materials, constructional plant, implements stores, etc., thereon; and/or
- Carry out the incomplete work by any means at the risk and cost of the (b) contractor.

On cancellation of the contract in full or in part, the Engineer-in-Charge shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss of damage suffered by Corporation. In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery belonging to the contractor.

Any excess expenditure incurred or to be incurred by the Corporation in completing the Workshard part on the works or the excess loss or damages suffered on which may be

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suffered by the Corporation as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to the Corporation in law be recovered from any moneys due to the contractor on any account, and if such moneys are not sufficient the contractor shall be called upon in writing and shall be liable to pay the same within 31 days.

If the contractor fails to pay the required sum within the aforesaid period of 30 days the Engineer-in-Charge shall have the right to sell any or all of the contractors unused materials, constructional plant, implements, temporary buildings, etc. and apply the proceeds of sale thereof towards the satisfaction of any sums due from the contractor under the contract and if thereafter there be any balance is outstanding from the contractor, it shall be recovered in accordance with the provisions of the contract.

Any sums in excess of the amounts due to Employer and unsold materials, constructional plant, etc., shall be returned to the contractor, provided always that if cost or anticipated cost of completion by the Corporation of the works or part of the works is less than the amount which the contractor would have been paid had he completed the works or part of the works, such benefit shall not accrue to the contractor.

#### **CLAUSE 15**

## Suspension of Work

- The contractor shall, on receipt of the order in writing of the Engineer-in-Charge (whose decision shall be final and binding on the contractor) suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof, for any of the following reasons:
- a) on account of any default on the part of the contractor or;
- for proper execution of the works or part thereof for reasons other than the default of the contractor; or
- c) for safety of the works or part thereof.
  - The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.
- ii) If the suspension is ordered for reasons (b) and (c) in sub-para (i) above, the contractor shall be entitled to an extension of time equal to the period of every such suspension PLUS 25%, for completion of the item or group of items of work for which a separate period of completion is specified in the contract and of which the suspended work forms a part, and;

#### **CLAUSE 16**

Action in case Work not done as per Specifications

All works under or in course of execution or executed in pursuance of the contract shall at all times be open and accessible to the inspection and supervision of the Engineer-in-Charge, his authorised subordinates in charge of the work and all the superior officers, officer of the Quality Control Organisation of the Corporation and of the Cabinet (Technical) Vigilance, and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions of have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer-in-Charge or his higher authority or his authorised subordinates in charge of the work or to the Cabinet (Technical) Vigilance or his subordinate officers, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials or article provides by him for the execution of

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the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract the contractor shall, on demand in writing which shall be made within the period specified in schedule – F of contract data from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost. In the event of the contractor failing do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the same rate as under clause 2 of the contract (for non-completion of the work in time) for this default.

In such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates as the competent authority may consider reasonable during the preparation of on account bills or final bill if the item is so acceptable without detriment to the safety and utility of the item and the structure and incidental items rectified, or removed and re-executed at the risk and cost or contractor. Decision of the Engineer-in-Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

## **CLAUSE 17**

Contractor
Liable for
Damages,
defects during
maintenance
period

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road curb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wired, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within defect liability period after a certificate final or otherwise of its completion shall have been given by the Engineer-in-Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit except for the portion pertaining to asphaltic work which is governed by sub-para (iii) of clause 35 or the proceeds of sale thereof or of a sufficient option thereof. The security deposit of the contractor shall not be refunded before the expiry of defected liability period after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

In case of Maintenance and Operation works of Electrical & Mechanical services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract which ever is earlier.

#### **CLAUSE 18**

Contractor to Supply Tools & Plants etc. The contractor shall provide at his own cost all materials (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer-in-Charge's stores), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specification or other document forming part of the contract or referred to in these conditions or not, or which may be an escape as to any matter as to which under these conditions he is

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entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting the measurement for examination at any time and from time to time of the work or materials. Failing his so doing the same may be provided by the Engineer-in-Charge at case to the contractor, under this contract or otherwise and/or from his security deposit or the proceeds of sale thereof, or of a sufficient portions thereof.

#### **CLAUSE 18 A**

Recovery of Compensation

In every case in which by virtue of the provisions sub-section (1) of Section 12, of the Workmen's Compensations Act, 1923, Government is obliged to pay compensation to a paid to Workman workman employed by the contractor, in execution of the works, Government will recover from the contractor the amount of the compensation so paid; and without prejudice to the right of the Government under sub-section (2) of section 12, of the said Act, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise. Government shall not be bound to contest any claim made against it under sub-section (1) Section 12, of the said Act, except on the written request of the contractor and upon his giving to Government full security for all costs for which Government might become liable in consequence of contesting such claim.

#### **CLUASE 18 B**

and Amenities to Workers if Contractor fails

Ensuring Payment In every case in which by virtue of the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and of the Contract Labour (Regulation and Abolition) Central Rules, 1971, Government is obliged to pay any amounts of wages to a workman employed by the contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules under Clause 19H or under the P.W.D. Contractor's Labour Regulations, or under the Rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by P.W.D. Contractors, Government will recover from the contractor the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the Government under sub-section (2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise Government shall not be bound to contest any claim made against it under sub-section (1) of Section 20, sub-section (4) of Section 21, of the said Act, except on the written request of the contractor and upon his giving to the Government full security for all costs for which Government might become liable in contesting such claim.

#### **CLAUSE 19**

Labour Laws to be complied by the Contractor

The contractor shall obtain a valid licence under the State Labour Act, and the Contract Labour (Regulation and Abolition) Central rules 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986.

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Chief Eng neer .S.E.I.D.C. Ltd, Patne 74 The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) ACt, 1996 and the building and other Construction Workers Welfare Cess Act, 1996.

Any failure to fulfill these requirements shall attract the penal provisions of the contract arising out of the resultant non-execution of the work.

#### **CLAUSE 19 A**

No labour below the prescribed age shall be employed on the work.

#### **CLAUSE 19 B**

## Payment of Wages

Payment of wages:

- i) The contractor shall pay to labour employed by him either directly or through sub-contractors, wages not less than fair wages as defined in P.W.D. Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.
- ii) The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.
- iii) In respect of all labour directly or indirectly employed in the works for performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with the Public Works Department contractor's Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages recovery of wages not paid and deductions unauthorisedly made, maintenance of wage books or wage slips, publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of the like nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Contract Labour (Regulation And Abolition) Central Rules, 1971, wherever applicable.
- iv) a) The Engineer-in-Charge concerned shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of nonfulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages which are not justified by their terms of the contract or nonobservance of the Regulations.
  - b) Under the provision of Minimum Wages (Central) Rules 1950, the contractor is bound to allow to the labours directly or indirectly employed in the works one day rest for 6 days continuous work and pay wages at same rate as for duty. In the event of default the Engineer-in-Charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labours and pay the same to the persons entitled thereto from any money due to the contractor by the Engineer-in-Charge concerned.
- v) The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Act, 1970, or the modifications thereof or any other laws relating thereto and the rules made Sonbhadra (thereto from time to time.

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Proprietor

- vi) The contractor shall indemnify and keep indemnified Government again payments to be made under and for the observance of the laws aforesaid and the P.W.D. Contractor's Labour Regulations without prejudice to his right to claim indemnity from his sub-contractors.
- vii) The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.
- viii) Whatever is the minimum wage for the time being, or if the wage payable higher than such wage, such wage shall be paid by the contractor to the workmen directly without the intervention of Jamadar and that Jamadar shall not be entitled to deduct or recover any amount from the minimum wage payable to the workmen as and by way of commission or otherwise.
- ix) The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Jamadar from the wage of workmen.

## **CLAUSE 19 C**

In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per P.W.D. Safely Code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid he shall be liable to pay a penalty of Rs. 200/- for each default and in addition the Engineer-in-Charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

#### **CLAUSE 20**

Minimum wages Act to be complied with.

The contractor shall at least pay and comply with all the provisions of the Minimum wages Act s and rules framed there under other labour laws related to contract labour.

#### **CLAUSE 21**

Work not to be sublet. Action in case of insolvency The contract shall not be assigned or sublet without the written approval of the Engineer-in-Charge. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any public officer or person in the employ of Corporation in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge on behalf of the M.D. of Corporation shall have power to adopt the courses specified in Clause 3 hereof in the interest of Corporation and in the event of such course being adopted the consequences specified in the said Clause 3 shall ensue.

## CLAUSE 22 Compensation

All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Corporation without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

#### **CLUASE 23**

Changes in firm's Constitution to be intimated

Where the contractor is a partnership firm, the previous approval in writing of the Engineer-in-Charge shall be obtained before any change is made in the contractor of the firm.

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approval as aforesaid shall likewise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract shall be deemed to have been assigned in contravention of Clause 21 thereof and the same action may be taken, and the same consequences shall ensue as provided in the said Clause 21.

#### **CLAUSE 24**

Approval of Engineer In charge All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of the Engineer-in-Charge who shall be entitled to direct at what point or points and in what manner they are to be commenced, and from time to time carried on.

#### **CLAUSE 25**

Settlement of Disputes & Arbitration

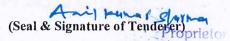
Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in-before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim right matter or thing whatsoever in any way arising out of or relating to contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter.

i) If the contractor considered any work demanded of him to be outside the requirements of the contract, or dispute any drawings, record or decision given in writing by the Engineer-in-Charge on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable, he shall promptly within 7 days request the Superintending Engineer/Chief consultant(Technical) in writing for written instruction or decision. Thereupon, the Superintending Engineer shall give his written instructions or decision within a period of fifteen days from the receipt of the contractor's letter.

If the Superintending Engineer/Chief consultant(Technical) fails to give his instructions or decision in writing within the aforesaid period or if the contractor is dissatisfied with the instructions or decision of the Superintending Engineer/Chief consultant(Technical), the contractor may, within 15 days of the receipt of Superintending Engineer's decision, appeal to the Chief Executive Officer who shall afford an opportunity to the contractor to be heard, if the latter so desires, and to offer evidence in support of his appeal. The Chief Executive Officer shall give his decision within 30 days of receipt of contractor's appeal. If the contractor is dissatisfied with this decision, the contractor shall within a period of 30 days from receipt of the decision, give notice to the Chief Executive Officer for appointment of arbitrator failing which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator.

ii) Except where the decision has become final, binding and conclusive in terms of Sub Para (i) above disputes or difference shall be referred for adjudication through arbitrator appointed by Managing Director of the Corporation. If the arbitrator so appointed is unable or unwilling to act or resign his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed in the manner aforesaid. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

Son it is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each such dispute along with the



notice for appointment of arbitrator and giving reference to the rejection by the Chief Executive Officer of the appeal.

It is also a term of this contract that no person other than a person appointed by Managing Director of the Corporation as aforesaid should act as arbitrator and if for any reason that is not possible, the matter shall not be referred to arbitrator at all.

It is also a term of this contract that if the contractor does not make any demand for appointment of arbitrator in respect of any claims in writing as aforesaid within 45 days of receiving the intimation from the Engineer-in-Charge that the final bill is ready for payment, the claim of the contractor shall be deemed to have been waived and absolutely barred and the Corporation shall be discharged and released of all liabilities under the contract in respect of these claims.

The arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 (26 of 1996) or any statutory modifications or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties.

It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any, of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any, of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner such costs or any part thereof shall be paid and fix or settle the amount of costs to be so paid.

All arbitration shall be held at PATNA and at no other place.

#### **CLAUSE 26**

Contractor to indemnity Govt. against Patent Rights

The contractor shall fully indemnify and deep indemnified the M.D. of Corporation against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claims made under the action brought against Government in respect of any such matter as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expense, to settle any dispute or to conduct any litigation that may arise therefrom, provided that the contractor shall not be liable to indemnify the M.D. of Corporation if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge in this behalf.

#### **CLAUSE 27**

Lumpsum Provisions in Tender When the estimate on which a tender is made includes lump sum in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not, in the opinion of the Engineer-in-Charge capable of measurement, The Engineer-in-Charge may at his discretion pay the lump-sum amount entered in the estimate, and the certificate in writing of the Engineer-in-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause

Sowith regard to any sum or sums payable to him under the provisions of the clause.

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B.S.E.I.D.C. Ltd, Patria

TENDER: Renovation of Guest House Building at BSEB Office, Patna (SBD)

#### **CLAUSE 28**

ction where no specifications re specified

In the case of any class of work for which there is no such specifications as referred to in Clause 11, such work shall be carried out in accordance with the Bureau of Indian Standards Specifications, Indian Road Congress for road works and Indian Building Congress for building works or any central government agency. In case there are no such specifications in Bureau of Indian Standards, the work shall be carried out as per manufacturers specifications. If not available then as per Corporation / Building Construction Department Specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge.

#### **CLAUSE 29**

Whenever any claim or claims for payment of a sum of money arises out of or i) under the contract or against the contractor, the Engineer-in-Charge or the Corporation shall be entitled to with hold and also have a lien to retain such sum or sums in whole or in part from the security, if any deposited by the contractor and for the purpose aforesaid, the Engineer-in-Charge or the Corporation shall be entitled to withhold the security deposit, if any, furnished as the case may be and also have a lien over the same pending finalisation or adjudication of any such claim. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the contractor, the Engineer-in-Charge or the Corporation shall be entitled to withhold and have a lien to retain to the extent of payable or which may at any time thereafter become payable to the contractor under the same contract or any other contract with the Engineer-in-Charge of the Corporation or any contracting person through the Engineer-in-Charge of the Corporation or any contraction person through the Engineer-in-Charge pending finalisation of adjudication of any such claim.

It is an agreed term of the contract that the sum of money or moneys so withheld or retained under the lien referred to above by the Engineer-in-Charge or Corporation will be kept withheld or retained as such by the Engineer-in-Charge or Corporation till the claim arising out of or under the contract is determined by the arbitrator (if the contract is governed by the arbitration clause) or by the competent court, as the case may be and that the contractor will have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to above and duly notified as such to the contractor. For the purpose of this clause, where the contractor is a partnership firm or a limited company, the Engineer-in-Charge or the Corporation shall be entitled to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/limited company as the case may be, whether in his individual capacity or otherwise.

ii) Corporation shall have the right to cause an audit and technical examination of the works and the final bills of the contractor including all supporting vouchers, abstract etc., to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed to have been done by him under the contract and found not to have been executed, the contractor shall be liable to refund the amount of over-payment and it shall be lawful for Government to recover the same from him in the manner prescribed in sub-clause (i) of this clause or in any other manner legally permissible; and if is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by Corporation to the contractor, without any interest thereon whatsoever.

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#### **CLAUSE 29 A**

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Lien in respect of claims in other Contracts

Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-in-Charge or the Government or any other contracting person or persons through Engineer-in-Charge against any claim of the Engineer-in-Charge or Corporation or such other person or persons in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-in-Charge or the Corporation or with such other person or persons.

It is an agreed term of the contract that the sum of money so withheld or retained under this clause by the Engineer-in-Charge or the Corporation will be kept withheld or retained as such by the Engineer-in-Charge or the Corporation till his claim arising out of the same contract or any other contract is either mutually settled or determined by the arbitration clause or by the competent court, as the case may be and that the contractor shall have no claim for interest or damages whatsoever on this account or on any other ground in respect of any sum of money withheld or retained under this clause and duly notified as such to the contractor.

#### **CLAUSE 30**

Unfiltered water supply

The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions.

- That the water used by the contractor(s) shall be fit for construction purposes to i) the satisfaction of the Engineer-in-Charge.
- The Engineer-in-Charge shall make alternative arrangements for supply of water ii) at the risk and cost of contractor?(s) if the arrangements made by the contractor(s) for procurement of water are in the opinion of the Engineer-in-Charge, unsatisfactory.

#### **CLAUSE 31**

Return of surplus material

Notwithstanding anything contained to the contrary in this contract, where any materials for the execution of the contract are procured with the assistance of Corporation either by issue from Corporation stocks or purchase made under orders or permits or licences issued by Corporation the contractor shall hold the said materials economically and solely for the purpose of the contract and not dispose of them without the written permission of the Corporation and return, if required by the Engineer in Charge, all surplus or unserviceable materials that may be left with him after the completion of the contract or at its termination for any reason whatsoever on being paid or credited such price as the Engineer in Charge shall determine having due regard to the condition of the materials. The price allowed to the contractor however shall not exceed the amount charged to him excluding the element of storage charges. The decision of the Engineer in Charge shall be final and conclusive. In the event of breach of the aforesaid condition the contractor shall in addition to throwing himself open to action for contravention of the term of the licence or permit and/or for criminal breach of trust, be liable to Corporation for all moneys, advantages or profits resulting or which in the usual course would have resulted to him by reason of such breach.

#### **CLAUSE 32**

Hire of Plant & i) Machinery

The contractor shall arrange at his own expense all tools, plant machinery and equipment (hereinafter referred to as T & P) required for execution of the work Sonbhexcept for the Plant & Machinery listed in Schedule 'C' and stipulated for issue to

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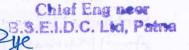
the contractor. If the contractor requires any item of T & P on hire from the T & P available will, if such item is available, hire it to the contractor at rates to be agreed upon between him and the Engineer-in-Charge. In such a case all the conditions hereunder for issue of T & P shall also be applicable to such T & P as is agreed to be issued.

- Plant and Machinery when supplied on hire charges shown in Schedule 'C' shall be made over and taken back at the departmental equipment yard/shed shown in Schedule 'C' and the contractor shall bear the cost of carriage from the place of issue to the site of work and back. The contractor shall be responsible to return the plant and machinery in the condition in which it was handed over to him, and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation and otherwise during transit including damage to or loss of plant and for all losses due to his failure to return the same soon after the completion of the work for which it was issued. The Engineer-incharge shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.
- iii) The plant and machinery as stipulated above will be issued as and when available and if required by the contractor. The contractor shall arrange his programme of work according to the availability of the plant and machinery and no claim, whatsoever, will be entertained from him for any delay in supply by the Corporation.
- The hire charges shall be recovered at the prescribed rates from and inclusive of iv) the date the plant and machinery made over up to and inclusive of the date of the return in good order even though the same may not have been working for any cause except major breakdown due to no fault of the contractor or fauity use requiring more than three working days continuously (excluding intervening holidays and Sundays) for bringing the plant in order. The contractor shall immediately intimate in writing to the Engineer in Charge when any plant or machinery gets out of order requiring major repairs as aforesaid. The Engineer in Charge shall record the date and time of receipt of such intimation in the log sheet of the plant or machinery. Based on this if the breakdown occurs before lunch period or major breakdown will be computed considering half a day's breakdown on the day of complaint. If the breakdown occurs in the post lunch period of major breakdown will be computed starting from the next working day. In case of any dispute under this clause the decision of the Superintending Engineer shall be final and binding on the contractor.
- v) The hire charges shown above are for each day of 8 hours (inclusive of the one-hour lunch break) or part thereof.
- vi) Hire charges will include service of operating staff as required and also supply of lubricating oil and stores for cleaning purposes. Power fuel of approved type, firewood, kerosene oil etc. for running the plant and machinery and also the full time chowkidar for guarding the plant and machinery against any loss or damage shall be arranged by the contractor who shall be fully responsible for the safeguard and security of plant and machinery. The contractor shall on or before the supply of plant and machinery sign an agreement indemnifying the Corporation against any loss or damage caused to the plant and machinery either during transit or at site of work.

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- vii) Ordinarily, no plant and machinery shall work for more than 8 hours a day inclusive of one hour lunch break. In case of an urgent work however, the Engineer in Charge may, at his discretion, allow the plant and machinery to be worked for more than normal period or 8 hours a day. In that case the hourly hire charges for overtime to charge (1/8)th of the daily charges) subject to a minimum of half day's normal charges on any particular day. For working out hire charges for over time a period of half an hour and above will be charged as one hour and a period of less than hflf an hour will be ignored.
- viii) The contractor shall release the plant and machinery every seventh day for periodical servicing and/or wash out which may take about three to four hours or more. Hire charges for full day shall be recovered from the contractor for the day of servicing/Wash out irrespective of the period employed in servicing.
- The plant and machinery once issued to the contractor shall not be returned by him on account of lack of arrangements of labour and materials, etc. on his part. the same will be returned only when they are required for major repairs or when in the opinion of the Engineer in Charge the work or a portion of work for which the same was issued is completed.
- Log Book for recording the hours of daily work for each of the plant and machinery supplied to the contractor will be maintained by the Corporation and will be countersigned by the contractor or his authorised agent daily. In case the contractor contests the correctness of the entries and/or fails to sign the Log Book the decision of the Engineer-in-Charge shall be finaland binding on him. Hire charges will be calculated according to the entries in the Log Book and will be binding on the contractor. Recovery on account of hire charges for road rollers shall be made for the minimum number of days worked out on the assumption that a roller can consolidate per day and maximum quantity of materials or area surfacing as noted against each in the annexed statement (see attached annexure).
- xi) In the case of concrete mixers, the contractors shall arrange to get the hopper cleaned and the drum washed at the close of the work each day or each occasion.

a)In case rollers for consolidation are employed by the contractor himself, log book for such rollers shall be maintained in the same manner as is done in case of departmental rollers, maximum quantity of any item to be consolidated for each roller day shall also be same as in Annexure to Clause 34(x). For less use of rollers recovery for the less roller days shall be made at the stipulated issue rate.

- The contractor shall be responsible to return the plant and machinery in the condition in which it was handed over to him and he shall be responsible for all damage caused to the said plant and machinery at the site of work or elsewhere in operation or otherwise or during transit including damage to or loss of parts, and for all losses due to him failure to return the same soon after the completion of the work for which it was issued. The Engineer-in-charge shall be the sole judge to determine the liability of the contractor and its extent in this regard and his decision shall be final and binding on the contractor.
- xiii) The contractor will be exempted for levy of any hire charges for the number of days he is called upon in writing by the Engineer in Charge to suspend execution of the work provided Corporation plant and machinery in question have, in fact remained idle with the contractor because of the suspension.
- xiv) In the event of the contractor not requiring any item of plant and machinery issued Sonbhadra Construction though not stipulated for issue in Schedule C any time after

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taking delivery at the place of issue, he may return it after two days written notice or at any time without notice if he agrees to pay hire charges for two additional days without in any way affecting the right of the Engineer in-Charge to use the said plant and machinery during the said period of two days as he likes including hiring out to a third party.

#### **CLAUSE 33**

Contractors Superintendence, Supervision, Technical Staff & Employees

Employment of Technical Staff and employees

The contractor shall provide all necessary superintendence during execution of the work and as along thereafter as may be necessary for proper fulfilling of the obligations under the contract.

The contractor along with bidding of the tender , intimate in writing to the Engineer-in-Charge the name, qualifications, experience, age, address and other particulars along with certificates, of the technical representative to be in charge of the work. If there is any change then the new incumbents qualifications and experience shall not be lower than specified in Schedule in I.T.B. (Annexure – 2). The Engineer-in-Charge shall within 15 days of issue of letter of acceptance intimate in writing his approval or otherwise it is deemed to be approved. Any such approval may at any time be withdrawn and in case of such withdrawal the contractor shall appoint another such representative according to the provisions of this clause. Decision of the tender accepting authority / Chief Consultant Officer (Technical) shall be final and binding on the contractor in this respect. Technical staff shall be available at site within fifteen days of start of work.

If the contractor (or any partner in case of firm/company) himself has such qualifications, it will not be necessary for the said contractor to appoint such a principal technical representative but the contractor shall designate and appoint a responsible agent to represent him and to be present at the work whenever the contractor is not in a position to be so present. All the provisions applicable to the principal technical representative under the Clause will also be applicable in such a case to contractor or his responsible agent. The principal technical representative and/or the contractor or his responsible authorised agent shall be actually available at site at least two working days every week, these days shall be determined in advance and also during recording of measurement of works and whenever so required by the Engineer-in-Charge by a notice as aforesaid and shall also note down instructions conveyed by the Engineer-in-Charge or his designated representative in the site order book and in token of acceptance of measurements. There shall be no objection if the representative/agent looks after more than one work and not more than three works in the same station provided these details are disclosed to the Engineer-in-Charge and he shall be satisfied that the provisions and the purpose of the clause are fulfilled satisfactorily.

If the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative or agent is effectively appointed or is effectively attending or fulfilling the provision of this clause, a recovery shall be effected from the contractor as specified in Schedule 'F' and the decision of the Engineer-in-Charge as recorded in the site order book and measurement recorded in Measurement Books shall be final and binding on the contractor. Further if the contractor fails to appoint a suitable technical representative or responsible agent and if such appointed persons are not effectively present or do not discharge their responsibilities satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as a suitable agent is appointed and the contractor shall submit a certificate of employment of the technical representative/responsible agent along

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with every on account bill/fixed bill and shall produce evidence if at any time so required by the Engineer-in-Charge.

ii) The contractor shall provide and employ on the site only such technical assistants as are skilled and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work.

The contractor shall provide and employ skilled, semiskilled and unskilled labour as is necessary for proper and timely execution of the work.

The Engineer in Charge shall be at liberty to object to and require the contractor to remove from the works any person who in his opinion misconducts himself, or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer in Charge to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer in Charge and the persons so removed shall be replaced as soon as possible by competent substitutes.

#### **CLAUSE 34**

- Sales Tax or any other tax on materials in respect of this contract shall be payable by the contractor according to law in effect.
- ii) The contractor shall deposit royalty and obtain necessary permit for supply of the red earth, moorum, sand chips bajri, stone, kankar, etc. from local authorities.
- iii) If pursuant to or under any law, notification or order any royalty, cess or the hike becomes payable to the Government of India and does not at any time become payable by the contractor to the State Government/ Local authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the Government of India and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from the dues of the contractor.

#### **CLAUSE 35**

Conditions for reimbursement of levy/taxes if levied after receipt of tenders

- All tendered rates shall be inclusive of all taxes and levies payable under respective statutes. However, pursuant to the Constitution (46th Amendment) Act. 1982, if any further tax or levy is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the contractor thereupon necessarily and properly pays such taxes/levies the contractor shall be reimbursed the amount so paid, provided such payments, if any, is not, in the opinion of the Engineer in-Charge ( whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.
- ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorised representative of the Government and/or the Engineer-in-Charge and further shall furnish such other information/document as the Engineer-in-Charge may require from time to time.
- iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy, pursuant to the Constitution (Forty Sixth Amendment) Act 1982, give a written notice thereof to the Engineer-in-Charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

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#### **CLAUSE 36**

### Imprisonment of Contractor

If the contractor is imprisoned, becomes insolvent compound with his creditors, has a receiving order made against him or carries on business under a receiver for the benefit of the creditors or any of them, or being a partnership firm becomes dissolved, or being a company or corporations goes into liquidation or commences to be wound up not being a voluntary winding up for the purpose only of amalgamation or reconstitution the department shall be at liberty.

- (a) To give such liquidator, receiver, or other person in whom the contract may become vested, the option of carrying out the contract or a portion there of to be determined by the department, subject to his providing an appropriate guarantee for the performance of such contract or.
- (b) To terminate the contract, forthwith by notice in writing to the contractor, the liquidator, the receiver or person in whom the contract may become vested and take further action as provided in the relevant clauses of the contract.

#### **CLAUSE 37**

Termination of Contract on death of contractor

Without prejudice to any of the rights or remedies under this contract if the contractor dies, the Competent Authority on behalf of the BSEIDCo. shall have the option of terminating the contract without compensation to the contractor after the affidavit of his/their legal heir/heirs that they are not going to be in this profession in future.

#### **CLAUSE 38**

If relation
working in
BSEIDCo. then
the contractor
not allowed to
tender

The contractor shall not be permitted to tender for works in the BSEIDCo. (responsible for award and execution of contracts) in which his near relative is posted as as an officer in any capacity. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Officer in the BSEIDCo.. Any breach of this condition by the contractors of this Corporation shall lead to blacklisting. If the contractor is registered in any other department, he shall be debarred from tendering in BSEIDCo. for any breach of this condition.

NOTE: By the term "near relatives" is meant wife, husband, parents and grand parents, children and grand children, brothers and sisters, uncles, aunts and cousins and their corresponding in law.

#### **CLAUSE 39**

No-Gazetted-Engineer to work as Contractor within two years of retirement No engineer of gazetted rank of other gazetted officer employed in engineering of administrative duties in an engineering department of the Government of Bihar shall work as a contractor or employee of a contractor for a period of two years after his retirement from government service without the previous permission of State Government in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained said permission prior to engagement in the contractor's service, as the case may be.

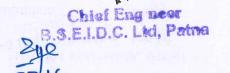
#### **CLAUSE 40**

Return of material and recovery for excess material issued

- i) After completion of the work and also at any intermediate stage in the event of non reconciliation of materials issued, consumed and in balance (see Clause 10) theoretical quantity of materials issued by the Corporation for use in the work shall be calculated on the basis and method given hereunder.
- a) Quantity of cement & bitumen shall be calculated on the basis of quantity of cement & bitumen required different items of work as shown in the Schedule of Rates mentioned in-Schedule 'F'. In case any item is executed for which standard constants for the consumption of cement or bitumen are not available in the above mentioned schedule/statement or cannot be derived from the

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shall be calculated on the basis of standard formula to be laid down by the Engineer in Charge.

- Theoretical quantity of steel reinforcement of structural steel sections shall be taken as the quantity required as per design or as authorised by Engineer in Charge, including authorised lappages, chairs etc., plus 3% wastage due to cutting into pieces, such theoretical quantity being determined and compared with the actual issues each diameter wise, section wise and categoriwise separately.
- c) For any other material as per actual requirements.
- ii) Over the theoretical quantities of materials so computed a variation shall be allowed as specified in Schedule 'F'. The difference in the net quantities of material actually issued to the contractor and the theoretical quantities including such authorised variation, if not returned by the contractor or if not fully reconciled to the satisfaction of the Engineer in Charge within fifteen days of the issue of written notice by the Engineer in Charge to this effect shall be recovered at the rates specified in Schedule 'F' without prejudice to the provision of the relevant conditions regarding return of materials governing the contract. Decision of Engineer in Charge in regard to theoretical quantities of materials, which should have been actually used as per the Annexure of the standard schedule of rates and recovery at rates specified in Schedule 'F', shall be final & binding on the contractor

For not scheduled items, the decision of the Superintending Engineer regarding theoretical quantities of materials, which should have been actually used, shall be final and binding on the contractor.

iii) The said action under this clause is without prejudice to the right of the Government to take action against the contractor under any other conditions of contract for not doing the work according to the prescribed specifications.

#### **CLAUSE 41**

Release of Security deposit On completion of the whole of the work, half of the total amount of security shall be repaid to the contractor after six months of completion. However, the balance half of the total amount of security will be returned after completion of defect liability period and after the Engineer has certified that all defects notified by him to the contractor before the end of this period have been corrected and also after recovery of any dues.

#### **CLUASE 42**

Responsibility of Technical Staff and employees Technical officers / staff deployed by the Contractor at any construction site will also be responsible for inferior quality / poor performance of any work and his name will be circulated to all works Department of the State Govt. to debar from any other site, if his name is being proposed by other contractor.

#### **CLAUSE 43**

Contractor's Risks All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

#### **CLAUSE 44**

Insurance

The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles stated in the Contract Data for the following events which are due to the Contractor's risks:

- (a) loss of or damage to the Works, Plant and Materials;
- (b) loss of or damage to Equipment;
- (c) loss of or damage of property (except the Works, Plant, Materials and Sonbhadra Construction with the Contract; and Chief Engineer

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(d) personal injury or death.

Policies and certificates for insurance shall be delivered by the Contractor to the Engineer for the Engineer's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

Alteration to the terms of an insurance shall not be made without the approval of the Engineer.

Both parties shall comply with any conditions of the insurance policies.

#### **CLAUSE 45**

Cash Flow Estimate to be Submitted The Contractor shall, within the time stated in special Conditions of contract after the date of the Letter of Acceptance, provide to the Engineer for his information a detailed cash flow estimate, in quarterly periods, of all payments to which the Contractor will be entitled under the Contract and the Contractor shall subsequently supply revised cash flow estimates at quarterly intervals, if required to do so by the Engineer. in charge

#### **CLAUSE 46**

and Protection of the Environment

The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- (a) have full regard for the safety of all persons entitled to be upon the Site and keep the Site (so far as the same is under his control) and the Works (so far as the same are not completed or occupied by the Employer) in an orderly state appropriate to the avoidance of danger to such persons,
- (b) Provide and maintain at his own cost all lights, guards, fencing, warning signs and watchmen and where necessary or required by the Engineer or by any duly constituted authority, for the protection of the Works or for the safety and convenience of the public or others, and
- (c) take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation.

#### **CLAUSE 47**

Cost of Samples

All samples shall be supplied by the Contractor at his own cost if the supply thereof is clearly intended by or provided for in the Contract.

#### **CLAUSE 48**

Cost of Tests The cost of making any test shall be borne by the Contractor if such test is :

- (a) clearly intended by or provided for in the Contract, or
- (b) particularised in the Contract (in case only of a test under load or of a test to ascertain whether the design of any finished or partially finished work is appropriate for the purposes which it was intended to fulfill) in sufficient detail to enable the Contractor to price or allow for the same in his Tender.

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#### **CLAUSE 49**

### Cost of Tests not Provided for

If any test required by the Engineer which is:

- (a) not so intended by or provided for,
- (b) (in the cases above mentioned) not so particularised, or
- (c) (though so intended or provided for) required by the Engineer to be carried out at any place other than the Site or the place of manufacture, fabrication or preparation of the materials or Plant tested,

shows the materials, Plant or workmanship not to be in accordance with the provisions of the Contract to the satisfaction of the Engineer, then the cost of such test shall be borne by the Contractor, but in any other case department will bear the cost.

#### **CLAUSE 50**

### Commencement of Works

The contractor shall commence the Works as soon as is reasonably possible after the receipt by him of a notice to this effect from the Engineer, which notice shall be issued within the time stated in the Appendix to Tender after the date of the Letter of Acceptance. Thereafter, the Contractor shall proceed with the Works with due expedition and without delay.

#### **CLAUSE 51**

### Substational completion of parts

If any part of the Permanent Works has been substantially completed and has satisfactorily passed any Test on Completion prescribed by the Contract, the Engineer may issue a Taking-Over Certificate in respect of that part of the Permanent Works before completion of the Works and, upon the issue of such Certificate, the Contractor shall be deemed to have undertaken to complete with due expedition any outstanding work in that part of the Permanent Works during the Defects Liability Period.

#### **CLAUSE 52**

#### **Force Majeure**

#### **Force Majeure**

Neither party shall be liable to the other for any loss or damage occasioned by or arising out of acts of GOD such has Unprecedented flood, Volcanic eruption, Earthquake or other convulsion of nature and other acts such as general/ partial strikes by a section of government employees/ invasion, the act of foreign countries/ hostilities or war like operations before or after declaration of war, rebellion/ military or usurped power which prevent performance of the contract and which could not have been foreseen or avoided by a prudent person.

#### **CLAUSE 53**

#### Recovery

#### Force Majeure

Any amount found recoverable from the contractor shall be recovered as public demand under the Bihar Public Demand Act. without prejudice to any other mode of recovery.

#### NOTE:

In case of difference or ambiguity in Hindi and English version, the English version will prevail.

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## SECTION 4 CONTRACT DATA (PROFORMA OF SCHEDULES)

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#### PROFORMA OF SCHEDULES

(Operative Schedules to be supplied separately to each intending tenderer)

#### SCHEDULE 'A'

Schedule of quantities: BOQ attached with Financial bid.

| SI.<br>No. | Description of<br>Item(with brief                     |          | BILL | ILL OF QUANTITY |          | Amount |
|------------|---|----------|------|-----------------|----------|--------|
| NO.        | specification and reference to book of specification) | Quantity | Unit | Rate            |          |        |
|            |   |          |      | In figure       | In words |        |
| 1          | 2   | 3        | 4    | 5               | 6        | 7      |
|            |   | J        |      |                 |          |        |
|            |   |          |      |                 |          |        |
|            |   |          |      | 7               |          |        |
|            |   |          |      |                 |          |        |

#### SCHEDULE 'B' : N.A.

Schedule of materials to be issued to the contractor.: X

| S.<br>No. | Description of item | Quantity  | Rates in figures & words at which the material will be charged to the contractor | Place of Issue |
|-----------|---------------------|-----------|--|----------------|
| 1         | 2                   | 3         | 4  | 5              |
|           | ATAO TON            | Time      |  |                |
|           |                     | GON A CHI | ner - year   |                |
|           |                     |           |  |                |

#### SCHEDULE 'C': N.A.

Tools and plants to be hired to the contractor

| SI.<br>No. | Description | Hire charge per day | Place of Issue |
|------------|-------------|---------------------|----------------|
| 1          | 2           | 6                   | 7              |
|            |             |                     |                |
|            |             |                     |                |
|            |             |                     |                |

#### SCHEDULE 'D': N.A.

Extra schedule for specific requirements/ document for the work, if any.

#### SCHEDULE 'E':

Schedule of component of Cement, Steel, other Materials, Labour etc. for price excalation.

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#### **CLAUSE 10 CC**

| Component of Cement-<br>expressed as percent of total value of work.   | Pc              | N.A. |   |
|--|-----------------|------|---|
| Component of Steel-<br>expressed as percent of total value of work.  | Ps              | N.A. |   |
| Component of civil (except cement & steel)/ Electrical construction Materials expressed as percent of total value of work- | Pm              | N.A. |   |
| Component of Bitumen - expressed as percent of total value of work.  | Pb              | x    | % |
| Component of Labour-<br>expressed as percent of total value of work.   | P1              | N.A  | % |
| Component of P.O.L. – expressed as percent of total value of work.   | Pp              | N.A  | % |
| Component of Plant & Machinery – expressed as percent of total value of work.  | o to obtained o | N.A  | % |

#### SCHEDULE 'F'

Reference to General Condition of Contract.

Name of work: Renovation of Guest House Building at BSEB Office, Patna. Sl. No. : 2

Estimated cost of work: Rs. 11290057 (Rupees One Crore Twelve Lacs Ninety Thousand and Fifty Seven Only)

- i) Earnest money: Rs. 2.26 Lac (Rupees Two Lac and Twenty Six Thousand Only).
- ii) Performance Guarantee: 2% of tendered value including earnest money.
- iii) Security Deposit:

8 % of tendered value.

iv) Defect Liability period:

Three Years.

v) Rate of Interest

14.5 %

**GENERAL RULES AND:** 

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**DIRECTIONS** 

Officer inviting tender: Chief Engineer, BSEIDC.

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in

accordance with Clauses 12.2 & 12.3

See below

#### **Definitions:**

| 2(v)  | Engineer-in-Charge   | Executive Engineer (Civil).   |
|-------|--|---|
| 2(x)  | Percentage on cost of materials and labour to cover all overheads and profits. | As Per SOR, BCD   |
| 2(xi) | Standard Schedule of Rates   | SOR 2018 (w.e.f. 27.09/2018) & BSR<br>Electrical 2018.              |
|       | Department & Employer adra Construction  | BSEIDC, Patna, Eng neer Chief Eng neer SB.S.E.I.D.C. Ltd, Patrae 91 |

9(ii) Standard PWD Contract Form

PWD 2/3 as modified & corrected upto

#### Clause 1

i) Time allowed for submission of performance Guarantee from the date of issue of letter of acceptance, in days

15 days

ii) Maximum allowable extension beyond the period provided in i) above in days

7 days

#### Clause 2

Authority for fixing compensation under clause 2.

Chief Engineer, BSEIDC

Clause 2A

Whether Clause 2A shall be applicable

No

Clause 5

Number of days from the date of issue of notice to start.

07 days

Mile stone(s) as per table given below:

Table of Mile Stone(s)

| SI.<br>No. | Description of<br>Milestone(Physical) | Time allowed in days (from date of start) | Amount to be with-held in case of non achievement of milestone |
|------------|---------------------------------------|---|--|
| 1.         |                                       |   |  |
| 2.         | Petron no o english                   | VERBELLY AND LESS OF TO                   | - DARPTURS   |
| di vie     | Market South as a own to              | ough weather was a large                  | r Francisco III  |
| in ick i   | riso unit (alam) form Sale)           | ust 2a siis täätnimen omin                | analysis in  |

#### AND

| SI.<br>No. | Financial Progress                | Time allowed (from date of start) | Amount to be with-held in case of non achievement of milestone |
|------------|-----------------------------------|-----------------------------------|--|
| 1.         | 1/8 <sup>TH</sup> (of whole work) | 1/4 <sup>TH</sup> (of whole work) | In the event of not achieving                                  |
| 2.         | 3/8 <sup>TH</sup> (of whole work) | 1/2 <sup>TH</sup> (of whole work) | the necessary progress as assessed from the running            |
| 3.         | 3/4 <sup>TH</sup> (of whole work) | 3/4 <sup>TH</sup> (of whole work) | payments, 1% of the tendered                                   |
| 4.         | Full                              | Full                              | value of work will be withheld for failure of each milestone.  |

Time allowed for execution of work

6 Months.

Authority to give fair and reasonable extension of time for completion of work.

Chief Engineer, BSEIDC, Patna.

Sonbhadra Construction

And Kunar Starnar (Seal & Signature of Penderer) Chief Eng neer 2, B.S.E.I.D.C. Ltd, Patra

#### Clause 7

Gross work to be done together with net payment/ adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment

1% of Agreement value.

#### Clause 10CC

Cluase 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column

months

#### Clause 11

Specifications to be followed for execution of work

Yes\_\_\_\_

#### Clause 12

Deviation, variation Extent and pricing.

As per P.W.D. Code clause 182A, 292XII, 293XVII & 294XVI

#### Clause 16

Competent Authority for deciding reduced rates.

- **Chief Engineer**
- The following document also form part of the contract.

SBD, NIT & B.O.Q.

The law, which applies to the contract, is

The Law of Union of India.

The court of jurisdiction

Patna.

The Language of contract document

**English** 

The limit of sub-contracting

The Currency of the Contract is

**Indian Rupees** 

Sonbhadra Construction

Air Famous Signature of Tenderer)

Rroprieto

Chief Eng neer

B.S.E.I.D.C. Ltd, Patna

## SECTION 5 SPECIAL CONDITION OF CONTRACT (Condition of Particular Application)

Sonbhadra Construction

(Seal & Signature of Tenderer)

Chief Eng neer

SB.S.E.I.D.C. Ltd, Patna

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\*\* In the case of Joint Venture (JV) for project costing Rs. 10.00 Crores and more the condition vide Letter No.- 8131(S), dated:- 24.07.2012 of Road Construction Department, Government of Bihar Shall be applicable.

Sonbhadra Construction

Ani Kuna Chara

(Seal & Signature of Tenderer)

Proprieto

Chief Eng neer

2B.3.E.I.D.C. Ltd, Patna

SECTION 6
TECHNICAL SPECIFICATION
(Along with Basic drawings)

Sonbhadra Construction

A Construction

(Seal & Signature of Tenderer)

Proprietor

Chief Eng neer

B.S.E.I.D.C. Ltd, Patron 96

BSEIDC,Patna

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# SECTION 7 BILL OF QUANTITY (Attached with Financial bid)

Sonbhadra Construction

Amil Julius Shains
(Seal & Signature of Tenderer)

Proprieto

Chief Eng near
2005.E.I.D.C. Ltd, Patna

#### **BILL OF QUANTITIES**

#### Preamble

- The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Technical Specifications and Drawings.
- 2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the rates and prices tendered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix within the terms of the Contract.
- 3. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the Contract, include all constructional plant, labour supervision, materials, erection, maintenance, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract.
- 4. The rates and prices shall be quoted entirely in Indian Currency.
- 5. A rate whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no Items are provided the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.
- 6. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no Items are provided the cost shall be deemed to be distributed among the rates and prices entered for the related Items of Work.
- 7. General directions and descriptions of work and materials are not necessarily repeated or summarized in the Bill of Quantities. References to the relevant sections of the contract documentation shall be made before entering rates or prices against each item in the Bill of Quantities.
- 8. The method of measurement of completed work for payment shall be in accordance with the specification issued by the department / Corporation time to time.
- 9. Errors will be corrected by the Employer for any arithmetic errors pursuant to Clause 29 of the Instructions to Bidders.

Sonbhadra Construction

(Seal & Signature of Tenderer)

Chief Eng neer
B.S.E.I.D.C. Ltd, Patria 98

#### **BILL OF QUANTITIES**

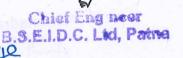
| SI. | Description of Item (with brief  | Quantity | Unit | R         | ate      | Amount |
|-----|--|----------|------|-----------|----------|--------|
| No. | Description of Item (with brief specification and reference to book of specification)  |          |      | In Figure | In Words |        |
|     |  |          |      |           |          |        |
|     | (ATTACHED with   |          |      |           |          |        |
|     | (ATTACHED with Financial bid)  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           | ·        |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           |          |        |
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|     | 29030 NEAD DO A C  |          |      |           |          |        |
|     |  |          |      |           |          |        |
|     |  |          |      |           | y si     | W.     |
|     |  |          |      |           |          |        |
|     |  |          |      | - 17:11   |          | 5      |

#### Note:

- Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the bill of quantities
- Unit rates and prices shall be quoted by the bidder in Indian rupee
- Where there is a discrepancy between the rate in figures and words, the rates in words will govern.
- 4. Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern

Sonbhadra Construction Ani rumavalging

(Seal & Signature of Tenderer)



SECTION 8
SECURITIES AND OTHER FORMS
(to be filled by Bidder/Employer)

Sonbhadra Construction

(Seal & Signature of Tenderer)
Proprietor

Chief Eng neer

B.S.E.I.D.C. Ltd, Patrie

#### **BID SECURITY (BANK GUARANTEE UNCONDITIONAL)**

| WHEREAS,   | [name of Bidder] (hereinafter called        |
|--|---|
| "the Bidder") has submitted his Bid dated                                      |   |
| construction of  |   |
| "the Bid"].  | with result to the consistence of           |
|  |   |
| KNOW ALL PEOPLE by these presents that V                                       |   |
| [name of Bank] of  |   |
| our registered   | office at                                   |
|  | (hereinafter called "the Bank")             |
| are bound unto[n   |   |
| Employer") in the sum of   | *for which payment well and                 |
| truly to be made to the said Employer by the Ba                                | ink itself, his successors and assigns by   |
| these presents.  |   |
|  |   |
|  |   |
| SEALED with the Common Seal of the s   | aid Bank this day of                        |
|  | ald Balik tills day of                      |
| ,20  |   |
|  |   |
|  |   |
| THE CONDITIONS of this obligation are :  | for Differential country                    |
|  |   |
| (1) If after Bid opening the Bidder withdraws                                  | s his bid during the period of Bid validity |
| specified in the Form of Bid;  |   |
|  |   |
| OR   |   |
|  | which are the bid to the Freehouse          |
| (2) If the Bidder having been notified to the                                  | e acceptance of his bid by the Employer     |
| during the period of Bid validity :  |   |
| (a) faile or refuses to execute the Eq   | orm of Agreement in accordance with the     |
| (a) fails or refuses to execute the Fo<br>Instructions to Bidders, if required |   |
| instructions to bluders, in required   | , 01  |
| (b) fails or refuses to furnish the Perf                                       | ormance Security, in accordance with the    |
| Instruction to Bidders; or   |   |
|  |   |
| (c) does not accept the correction of t  | the Bid Price pursuant to Clause 27.        |
|  |   |
| We undertake to pay to the Employer up   | to the above amount upon receipt of his     |
| first written demand, without the Employer havi                                | ng to substantiate his demand, provided     |

that in his demand the Employer will note that the amount claimed by him as due to him owing to the occurrence of one or any of the three conditions, (specifying the occurred

Sonbhadra Construction

condition or conditions).

Anil Kumal sharman

Chief Eng neer S.E.I.D.C. Ltd, Patne

| stated in the Instructions to Bidder | the deadline for submission of Bids as such deadline is rs or as it may be extended by the Employer, notice of ereby waived. Any demand in respect of this guarantee in the above date. |
|--------------------------------------|---|
|                                      |   |
| DATE                                 | SIGNATURE   |
| WITNESS                              | SEAL  |
| [Signature, name and address]        |   |

- \* The Bidder should insert the amount of the guarantee in words and figures denominated in Indian Rupees. This figure should be the same as shown in Clause 16.1 of the Instructions to Bidders.
- \*\* 45 days after the end of the validity period of the Bid. Date should be inserted by the Employer before the Bidding documents are issued.

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And Kenney Sharma
eal & Signature of Tenderer)

Chief Eng neer
B.S.E.I.D.C. Ltd, Patre

#### PERFORMANCE BANK GUARANTEE

| Contractor] (hereafter called "the Contractor") has undertaken, in pursuance of Contra No   |   | [name of Employer]  |
|---|---|---|
| Contractor] (hereafter called "the Contractor") has undertaken, in pursuance of Contra No   | Law Village   | [address of Employer]   |
| Contractor] (hereafter called "the Contractor") has undertaken, in pursuance of Contra No   | north <del>all all a</del>                          |   |
| No dated to execute   |   |   |
| [name of Contract and brief description of Works] (hereinafter called "the Contract").  AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the subspecified therein as security for compliance with his obligation in accordance with the Contract;  AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:  NOW THEREFORE we hereby affirm that we are the Guarantor and responsible you on behalf of the Contractor, up to a total of  |   |   |
| AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the suspecified therein as security for compliance with his obligation in accordance with the Contract;  AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:  NOW THEREFORE we hereby affirm that we are the Guarantor and responsible you on behalf of the Contractor, up to a total of   |   |   |
| NOW THEREFORE we hereby affirm that we are the Guarantor and responsible you on behalf of the Contractor, up to a total of [amount of guarantee]* words), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written dema and without cavil or argument, any sum or sums within the limits [amount of guarantee] as aforesaid without you needing to prove or to show grounds or reasons for your demand for the sum specifit therein.  We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.  We further agree that no change or addition to or other modification of the terms the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between your and the Contractor shall in any way release. | Contractor sha                                      | all furnish you with a Bank Guarantee by a recognized bank for the sum  |
| you on behalf of the Contractor, up to a total of  [amount of guarantee]* words), such sum being payable in the types and proportions of currencies in which to Contract Price is payable, and we undertake to pay you, upon your first written dema and without cavil or argument, any sum or sums within the limits  [amount of guarantee] as aforesaid without you needing to prove or to show grounds or reasons for your demand for the sum specifitherein.  We hereby waive the necessity of your demanding the said debt from to contractor before presenting us with the demand.  We further agree that no change or addition to or other modification of the terms the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between your and the Contractor shall in any way release.  | AND W   | HEREAS we have agreed to give the Contractor such a Bank Guarantee :  |
| Contract Price is payable, and we undertake to pay you, upon your first written dema and without cavil or argument, any sum or sums within the limits [amount of guarantee] as aforesaid without you needing to prove or to show grounds or reasons for your demand for the sum specifit therein.  We hereby waive the necessity of your demanding the said debt from the contractor before presenting us with the demand.  We further agree that no change or addition to or other modification of the terms the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between your and the Contractor shall in any way release.  | you on bel  | nalf of the Contractor, up to a total of (in  |
| therein.  We hereby waive the necessity of your demanding the said debt from to contractor before presenting us with the demand.  We further agree that no change or addition to or other modification of the terms the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between your and the Contractor shall in any way release.  | Contract Price<br>and without                       | is payable, and we undertake to pay you, upon your first written demand<br>cavil or argument, any sum or sums within the limits of<br>[amount of guarantee] as aforesaid without you  |
| Contractor before presenting us with the demand.  We further agree that no change or addition to or other modification of the terms the Contract or of the Works to be performed there under or of any of the Contradocuments which may be made between your and the Contractor shall in any way release  |   | ove or to snow grounds or reasons for your demand for the sum specimen  |
| the Contract or of the Works to be performed there under or of any of the Contra<br>documents which may be made between your and the Contractor shall in any way relea  |   |   |
| addition or modification.   | the Contract of<br>documents who<br>us from any lia | or of the Works to be performed there under or of any of the Contract<br>nich may be made between your and the Contractor shall in any way release<br>ability under this guarantee, and we hereby waive notice of any such change |
| This guarantee shall be valid until 28 days from the date of expiry of the Defe Liability Period.   |   |   |
| Signature and Seal of the guarantor   |   | Signature and Seal of the guarantor   |
| Name of Bank  |   | Name of Bank  |
| Address   |   | Address   |
| Date  |   |   |

Sonbhadra Construction

if any and denominated in Indian Rupees.

(Seal & Signature of Tenderer)

Chief Eng neer

#### UNCONDITIONAL BANK GUARANTEE FOR ADVANCE PAYMENT

| To  |                         |
|---|-------------------------|
| [name of Employer]  |                         |
| [address of Employer]   |                         |
| [name of Contractor]  |                         |
| Server of configuration in the configuration and technical enterior problems in   |                         |
| Gentlemen:  |                         |
| In accordance with the provisions of the Conditions of Contract, sub ("Advance payment") of the above-mentioned Contract, [name and address of Contractor] (hereinafter called "the   |                         |
| shall deposit with [name of Employ  |                         |
| guarantee to guarantee his proper and faithful performance under the said C  Contract in an amount of [amount of [amount of [in words].   |                         |
| We, the [bank of financial inst   | itution), as            |
| instructed by the Contractor, agree unconditionally and irrevocably to g  | uarantee as<br>yment to |
| demand without whatsoever right of obligation on our part and without his f   |                         |
| the Contractor, in the amount not exceeding [in wo  | [amount of              |
| guaranteer[iii iiv  | ordoj.                  |
| We further agree that no change or addition to or other modification of the Contractor or Works to be performed there under or any of the Contract which may be made between [name of Employ Contractor, shall in any way release us from any liability under this guaran hereby waive notice of any such change, addition or modification. | documents er] and the   |
| This guarantee shall remain valid and in full effect from the date of   | the advance             |
| payment under the Contract until  |                         |
| Employer] receives full repayment of the same amount from the Contractor.   |                         |
| Yours truly,  |                         |
| Andrew Periods  |                         |
|   |                         |
| Signature and Seal :  |                         |
| Name of Bank /Financial Institution   |                         |
| Address :   |                         |
|   |                         |
| Date:   |                         |

Sonbhadra Construction

Amil Munul Claims

(Seal & Signature of Tenderer)

Proprietor

Chief Eng neer

B.S.E.I.D.C. Ltd, Patrie

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### INDENTURE FOR SECURED ADVANCES

#### **FORM 31**

(for use in case in which the contract is for finished work and the contractor has entered

| into a                          |   | ertain specified quantity of work in a given time)   |
|---------------------------------|---|--|
| 20                              | BETWEEN   | day of,  |
| whic                            | h expression shall where the context  | (hereinafter called the contractor so admits or implies be deemed to include his the one part and the Employer of the other part.  |
| the s                           | Whereas by an agreement dated<br>aid agreement) the contractor has agr  | (hereinafter called  |
| he si                           | nce on the security of materials abso<br>ite of the works the subject of the sai  | applied to the Employer that he may be allowed blutely belonging to him and brought by him to d agreement for use in the construction of such ute at rates fixed for the finished work (inclusive er charges)  |
| Rupe                            | AND WHEREAS the Employer has es   | agreed to advance to the Contractor the sum of on the  |
| secur<br>of Se<br>he C<br>nakir | ity of materials the quantities and oth<br>cured Advances attached to the Run<br>contractor on and the En   | ner particulars of which are detailed in Accounts uning Account bill for the said works signed by imployer has reserved to himself the option of on the security of other materials brought by the   |
|                                 |   | TH that in pursuance of the said agreement and   |
| xecu<br>he Co<br>nade           | ition of these presents paid to the Co<br>ontractor doth hereby acknowledge) a  | on or before the ontractor by the Employer (the receipt where of and of such further advances (if any) as may be for doth hereby covenant and agree with the   |
| 1)                              | Employer to the Contractor as af advanced as aforesaid shall be   | so advanced by the foresaid and all or any further sum of sums employed by the Contractor in or towards works and for no other purpose whatsoever.   |
| 2)                              | been offered to and accepted by Contractor's own propriety and free contractor will not make any applications of materials which are not encumbrances of any kind and the contractor. | aid Account of Secured Advances which have<br>the Employer as security are absolutely the<br>ree from encumbrances of any kind and the<br>cation for or receive a further advance on the<br>of absolutely his own property and free from<br>Contractor indemnified the Employer against all<br>of which an advance has be made to him as |
| 3)                              | materials on the security of which a  | aid account of Secured Advances and all other<br>any further advance or advances may hereafter<br>alled the said materials) shall be used by the   |
| So                              | nbhadra Construction  | Chief Eng neer   |

Contractor solely in the Execution of the said works in accordance with the directions of the Engineer.

- (4) That the Contractor shall make at his own cost all necessary and adequate arrangements for the proper watch, safe custody and protection against all risks of the said materials and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and on his own responsibility and shall at all times be open to inspection by the Engineer or any officer authorized by him. In the event of the said materials or any part thereof being stolen, destroyed or damaged or becoming deteriorated in a greater degree than is due to reasonable use and wear thereof the Contractor will forthwith replace the same with other materials of like quality or repair and make good the same required by the Engineer.
- (5) That the said materials shall not be any account be removed from the site of the said works except with the written permission of the Engineer or an officer authorized by him on that behalf.
- (6) That the advances shall be repayable in full when or before the Contractor receives payment from the Employer of the price payable to him for the said works under the terms and provisions of the said agreement. Provided that if any intermediate payments are made to the Contractor on account of work done than on the occasion of each such payment the Employer will be at liberty to made recovery from the Contractor's bill for such payment by deducting there from the value of the said materials that actually used in the construction and in respect of which recovery has not been made previously, the value for this purpose being determined in respect of each description of materials at the rates at which the amounts of the advances made under these presents were calculated.
- (7) That if the Contractor shall at any time make any default in the performance or observance in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing of the Employer shall immediately on the happening of such default be repayable by the Contractor to be the Employer together with interest thereon at twelve per cent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Employer in or for the recovery thereof or the enforcement of this security or otherwise by reason of the default of the Contractor and the Contractor hereby covenants and agrees with the Employer to reply and pay the same respectively to him accordingly.

That the Contractor hereby charges all the said materials with the repayment to the Employer of the said sum of Rupees

and any further sum of sums advanced as aforesaid and all costs, charges, damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the power contained therein if and whenever the covenant for payment and repayment here in before contained shall become enforceable and the money owing shall not be paid in accordance there with the Employer may at by time thereafter adopt all or any of the following courses as he may deem best:

Sonbhadra Construction

(Seal & Signature of Tenderer)

Chief Ling neer

B.S.E.I.D.C. Ltd, Patria

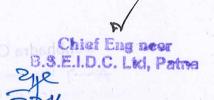
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- (a) Seize and utilise the said materials or any part thereof in the completion of the said works on behalf of the contractor in accordance with the provisions in that behalf contained in the said agreement debiting the contractor with the actual cost of effecting such completion and the amount due to the contractor with the value of work done as if he has carried it out in accordance with the said agreement and at the rests thereby provided. If the balance is against the contractor, he is to pay same to the Employer on demand.
- (b) Remove and sell by public auction the seized materials or any part there of and out of the moneys arising from the sale retain all the sums aforesaid repayable or payable to the Employer under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.
- (9) That except in the event of such default on the part of the contractor as aforesaid interest on the said advance shall not be payable.
- (10) That in the event of any conflict between the provisions of these present and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been here-in-before expressly provided for the same shall be referred to the Employer whose decision shall be final and the provision of the Indian Arbitration Act for the time being in force shall apply to any such reference.

Sonbhadra Construction

Anil Kuma Starma
(Seal & Signature of Tenderer)

Proprieto



#### Letter of Acceptance

(Letterhead paper of the Employer)

|  | (Date   |
|--|---|
|  |   |
| r fis at the district men sman species with  | (Name and address of the Contractor)  |
|  | <u>V</u> cutrus   |
|  |   |
|  |   |
| an Cira  |   |
| ear Sirs,  | and or leasure  |
| This is to notify you that your Bid dated  | for execution of the  |
|  | (name of the contract and   |
|  |   |
|  | ns to Bidders) for the Contract Price of  |
| upees  | ns to Bidders) for the Contract Price of () (amount   |
| upees<br>words and figures), as corrected and modified   | ns to Bidders) for the Contract Price of () (amount   |
| entification number, as given in the Instruction upees words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.   | ns to Bidders) for the Contract Price of () (amount   |
| upees<br>words and figures), as corrected and modified<br>idders <sup>1</sup> is hereby accepted by our agency.  | ns to Bidders) for the Contract Price of  |
| upees<br>words and figures), as corrected and modified<br>idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that   | ns to Bidders) for the Contract Price of  |
| upees words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that djudicator <sup>2</sup> . Your are hereby requested to furn   | to Bidders) for the Contract Price of () (amount of the Instructions to be appointed as the nish Performance Security, in the form  |
| upees words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that djudicator <sup>2</sup> . Your are hereby requested to furneralled in Para 34.1 of ITB for an amount equivalent | be appointed as the form to Rs within 21 days of the Contract Price of  |
| words and figures), as corrected and modified dders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that  | be appointed as the next of the Restrict of the Contract Price of |
| words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that   | be appointed as the next of the Restrict of the Contract Price of |
| words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that   | be appointed as the next of the Restrict of the Contract Price of |
| words and figures), as corrected and modified dders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that  | be appointed as the nish Performance Security, in the form to Rs within 21 days of a days from the date of expiry of defects and sign the contract, failing which   |
| words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that   | be appointed as the nish Performance Security, in the form to Rs within 21 days of a days from the date of expiry of defects and sign the contract, failing which   |
| upees<br>words and figures), as corrected and modified<br>idders <sup>1</sup> is hereby accepted by our agency.  | be appointed as the hish Performance Security, in the form to Rs within 21 days of a days from the date of expiry of defects and sign the contract, failing which Yours faithfully,   |
| words and figures), as corrected and modified idders <sup>1</sup> is hereby accepted by our agency.  We accept/ do not accept that   | be appointed as the hish Performance Security, in the form to Rs within 21 days of and sign the contract, failing which Yours faithfully,  Authorized Signature   |

Sonbhadra Construction

And Amar sharms
(Seal & Signature of Tenderer)

(Seal & Signature of Tenderer)

Chief Eng neer

B.S.E.I.D.C. Ltd, Patrie 108

Delete "corrected and" or "and modified" if only one of these actions applies. Delete as corrected and modified in accordance with the Instructions to Bidders, if corrections or modifications have not been affected.

<sup>&</sup>lt;sup>2</sup> To be used only if the Contractor disagrees in his Bid with the Adjudicator proposed by the Employer in the "Instructions to Bidders".

#### Issue of Notice to proceed with the work

(Letterhead of the Employer)

| (Name and address of the Contractor  |
|--|
| ear Sirs,  Pursuant to your furnishing the requisite security as stipulated in ITB Clause 34.                      |
| at a Bi  |
| ice of Rs  |
| realisationed to secon its cold littless elden med to be appeared in the community of the little in the cold in    |
| You are hereby instructed to proceed with the execution of the said works is cordance with the contract documents. |

(Signature, name and title of signatory authorized to sign on behalf of Employer)

Sonbhadra Construction

And Kumav claima (Seal & Signature of Tenderer) Chief Eng neer

3.3.E.I.D.C. Ltd, Patne 109

#### **Agreement Form**

| Agreement                     |  |
|-------------------------------|--|
| This                          | agreement, made the day of between (name and address of Employer) [hereinafter called "the   |
| (name and a                   | ddress of contractor) hereinafter called "the Contractor" of the other part.]  |
| When                          | reas the Employer is desirous that the Contractor execute  |
| Employer ha                   | identification number of Contract) (hereinafter called "the Works") and the saccepted the Bid by the Contractor for the execution and completion of such the remedying of any defects therein, at a cost of Rs.  |
|                               | and signing of the Coppact for the catalogues.   |
| NOW THIS A                    | GREEMENT WITNESSETH as follows :   |
| respectively                  | is Agreement, words and expression shall have the same meanings as are assigned to them in the conditions of contract hereinafter referred to and they ned to form and be read and construed as part of this Agreement.  |
| hereinafter m<br>complete the | nsideration of the payments to be made by the Employer to the Contractor as nentioned, the Contractor hereby covenants with the Employer to execute and works and remedy any defects therein in conformity in all aspects with the fithe contract.                   |
| Execution ar<br>Price or sucl | Employer hereby covenants to pay the Contractor in consideration of the nd completion of the Works and the remedying the defects wherein Contract hother sum as may become payable under the provisions of the Contract at in the manner prescribed by the Contract. |
|                               | ollowing documents shall be deemed to form and be ready and construed as greement viz.   |
| (i)                           | Letter of Acceptance   |
| (ii)                          | Notice to proceed with the works;  |
| (iii)                         | Contractor's Bid   |
| (iv)                          | Condition of Contract : General and Special  |
| (v)                           | Contract Data  |
| (vi)                          | Additional condition   |
| (vii)                         | Drawings   |
| (viii)                        | Bill of Quantities and   |
| (ix)<br>Sonbhadra<br>Awil 14  | Any other documents listed in the Contract Data as forming part of the Contract.  Construction  B.S.E.I.D.C. Ltd, Patria   |
| (Seal & Signat                | ure of Tenderer)   |

Proprietor

In witnessed whereof the parties there to have caused this Agreement to be

Sonbhadra Construction

A of Kamar Slarma (Seal & Signature of Tenderer) Chief Eng neer

#### **UNDERTAKING**

|                         | his bid for a period    |                         |                       |
|-------------------------|-------------------------|-------------------------|-----------------------|
| ay be accepted at any   | e binding on us and m   |                         |                       |
|                         |                         | piration of that period | time before the expir |
|                         |                         |                         |                       |
|                         |                         |                         |                       |
|                         |                         |                         |                       |
| ed Officer of the Firm) | (Signed by an Authoris  |                         |                       |
|                         |                         |                         |                       |
|                         | teg Heneurs of Libelic  |                         |                       |
| land .                  |                         |                         |                       |
| Title of Officer        |                         |                         |                       |
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Sonbhadra Construction

And James Shark
(Seal & Signature of Tenderer) Proprietor

Chief Eng neer S.E.I.D.C. Ltd, Patne

112

DATE

# SECTION 9 DRAWINGS (To be Attached)

Sonbhadra Construction

And Kunner Share

(Seal & Signature of Tenderer)

Proprieto

Chief Eng neer

# SECTION 10 DOCUMENTS TO BE FURNISHED BY BIDDER) (Attached)

Sonbhadra Construction
Amil Kunar Shaftas
(Seal & Signature of Tenderer)
Proprietor

