

Name of Work - Construction of Upgraded Schools in Bihar  
Schedule XLV- Form No. 61. Group No. - USS (1) 133D  
U.M.S. Kachhiyana, Distt- Lakhisarai

Name of Agency - Ashok Kumar.  
**BIHAR PUBLIC WORKS DEPARTMENT**  
Agreement No. - 298 F<sub>2</sub> of 2014-15  
[Form E-2.]

1.

### ITEM RATE TENDER AND CONTRACT FOR WORKS

#### *General Rule and Directions for the guidance of Contractors.*

1. All works proposed for execution by contract will be notified in a form of invitation to tender pasted on a board hung up in the office of and signed by the Subdivisional Officer, Executive Engineer.

This notice will state the work to be carried out the items and approximate quantities thereof as well as the date for submitting and opening tenders, also the amount of earnest money to be deposited and the amount of the security deposit to be deposited by the successful tenderer and the percentages. If any to be deducted from bills. Copies of the specifications, design and drawings and any other documents required in connection with the submission of tender signed for the purpose of identification by the Subdivisional Officer/Executive Engineer shall also be open for inspection by the contractor at the office of the Subdivisional Officer/Executive Engineer during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each member thereof, or in the event of absence of any partner, it must be signed on his behalf by a person holding as a power attorney authorising him to do so.

3. Receipts for payments made on account of work when executed by firm, must also be signed by the several partners except where the contractors are described in their tender as a firm in which case the receipt must be signed in the name of the firm by one of the partners, or by some other person having authority to give effectual receipts for the firm.

4. The memorandum of work tendered for, and the memorandum of materials to be supplied by the Public Works Department and their issue rates shall be filled in and completed in the office of the Subdivisional Officer/Executive Engineer before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and completed, he shall request the office to have this done before he completes and delivers his tender.

5. The amount of earnest money to be deposited will be	Rs.
If the amount of the estimate does not exceed Rs. 2,000	50
If the amount of the estimate exceeds Rs. 2,000 but does not exceed Rs. 5,000	100
If the amount of the estimate exceeds Rs. 5,000 but does not exceed Rs. 10,000	200
For each additional Rs. 5,000 or portion of Rs. 5,000 additional earnest money	100

6. 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. Incomplete tenders and tenders which contain any alteration in the work specified in the said form of invitation to tender, or which contain any other conditions of any sort or omit to note the time within which the work can be finished, or which are not accompanied by a treasury challan for the required earnest money 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 a separate tender for each. Tender shall bear the name of the work to which they refer written outside the envelope. Cash deposits for earnest money here in before maintained shall be made in Government Treasuries and the challan thereof should be enclosed with the tender.

Chief Engineer  
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7. The Engineer or his duly authorised assistant will open the tender in the presence of any intending contractors who may be present at the time and will enter the amounts of the several tenders in a comparative statements in a suitable form. In the event of a tender being rejected the challan for the earnest money forwarded therewith shall there upon be returned to the tenderer with a pay order for the amount of the earnest money.

8. The Engineer shall have the right of rejecting all or any of the tenders.

9. In the event of a tender being selected for acceptance the Engineer who opened the tenders will be competent to accept the tender, inform the tenderer of the selected tender who shall there upon sign copies of the specification and other documents mentioned in rule 1 and 4 for the purpose of identification and for his acceptance with the tender. The tenderer of the selected tender shall also deposit the required amount of the security money within the prescribed time, if the tenderer fails to deposit the required amount of the security money within the prescribed time, the Engineer may reject the tender. If the Engineer is not competent to accept the tender himself he will inform the tenderer of the tender which he decides to recommend for acceptance, such tenderer shall there upon sign forth with copies of the specification and other documents mentioned in rules 1 and 4 and shall deposit the required amount of the security money within the prescribed time. The tender with the specification and other documents signed by the tenderer will then be forwarded for acceptance to the Engineer who is competent to accept the same if the said Engineer rejects the tender the security money deposited shall be refunded to the tenderer.

10. When a tender is selected for acceptance the tenderer shall deposit the required amount of the security money in cash to the treasury and shall forward the challan to the Executive Engineer in government securities may be endorsed to the Executive Engineer in lieu of a cash deposit of the required amount of the security money. No tender shall be finally accepted until the required money of the security money has been deposited.

11. The amount of security money to be deposited by the tender whose tender is selected for acceptance shall be 10% of the estimated value of the work and towards the amount the earnest money already deposited by him shall be credited. At least half of this security inclusive of the earnest money shall be deposited by the tenderer within such time as may be not tied to him in writing by the office opening the tender, failing which the tender shall be liable to rejection.

Any balance of the security money outstanding after completion of the contract with the tenderer may be made up by deductions of 5% of the amount of each payment to be made to him under clause 7 of the conditions of contract for work done under the contract.

12. When a tender has been selected for acceptance and the required amount of the security money has been deposited the Engineer shall securitise all pages of the form of item Rate. Tender and Contractor for works to see the form has been properly filled up and signed by the contractor and the signature witnessed. He shall then if he is competent to accept the tender sign the acceptance of the tender if he is not so competent, shall send the form for signature of the acceptance of the office competent to accept it.

Chief Engineer  
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# MEMORANDUM

(h) Title number of item of work tendered £~r

~~7/10~~  
1-9-2014  
Chief Engineer  
B.S.E.I.D.C. Ltd, Patna



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Should this tender be accepted I / We hereby agree to abide by the fulfill all the terms and provisions of the said conditions of contract annexed here to so far as applicable or default there of to forfeit and pay to the Governor of Bihar or his successors in office the sum of money mentioned in the said conditions.

Signature of  
Contractor before  
commission of tender

Dated the

day of

20

Witness--

Address--

Occupation--

20

Signature of witness  
Contractor's  
Signature

The above tender is hereby accepted by me on behalf of the Governor of Bihar  
Dated the day of

Acceptance communicated on .....

Signature of the Officer  
accepting the tender

Signature of the party  
taking the tender

### CONDITION OF CONTRACT

compensation

Clause 1 -- All compensation, or other "sums of money payable by the contractor to Government under the terms, of his contract may be deducted from . or paid by the sale of a sufficient part his security deposit, or from the interest arising there from or from any sums which may be due or may become due to the contractor by Government on any account whatsoever, and in the event of his security deposit being reduced by reason of any such deduction or sale as afore said, the contractor shall within ten days thereafter make good in cash or Government securities endorsed as aforesaid any sum or sums which may have been deducted from or arising by . sale of his security deposit or any part thereof.

The Work  
should not be  
considered finished  
until such date as the  
Executive Engineer  
shall certify as the  
date on which the  
work is finished after  
cess any  
rectification of defects  
pointed by the  
Executive Engineer  
his authorised  
agents are fully  
complied with by the  
contractor to the  
Executive Engineer  
satisfaction.

Clause 2 -- The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and .... shall be reckoned from the date on which the written order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be carried on with all due diligence (time being deemed to be the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to 112 percent on the estimate cost of the whole work as shown by the tender for every day that the work remain uncommenced or unfinished after the proper dates, And further to ensure good progress during the execution of the work the contractor shall be bound. in all cases in which the time allowed for and work exceeds one month to complete one fourth of the whole of the work before one - fourth of the whole time allowed under the contract has elapsed one - half of the work before one half of such time, elapsed and three- fourth of the work before three - fourths of such time has elapsed. In the event of the contractor failing to comply with this condition, he shall be liable to pay as compensation an amount equal to 112 percent, on the said estimated cost of the whole work for every day that the due quantity work remains incomplete Provided conversely that the entire amount of compensation to be paid under the provisions this clause shall not exceed 10 percent, on the estimated cost of the work as shown in the tender.

Clause 3 -- In any case in which under any clause or clauses of this contract the contractor shall have tendered himself liable pay compensation amounting to the whole of his security deposit in the hands of Government! whether paid in one sum or deducted by instalments ) the Executive Engineer on behalf of the Governor of Bihar shall have power to adopt any of the following courses, as he may deem suited to the interests of Government.

- (a) To rescind the contract (of which rescission notice in writing to the contract under the hand of the Executive Engineer shall be conclusive evidence) and in which the security deposit of the contractor shall stand forfeited, and be absolutely at the disposal on Government,

action when  
whole security desits  
forfeited. ~

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

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(b) To employ labour paid by the Public Works Department and to supply materials to carry out the work or any part of the works, debiting the contractor with the costs of the labour and the price of the materials (of the amount of which cost and price certificate of the Executive Engineer shall be final and conclusive against the contractor) and crediting him with the value of the work done: in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his contract the certificate of the Executive Engineer as to the value of the work done shall final and conclusive against the contractor.

(c) To measure up the work of the contractor and to take such part of the work of the contract as shall be unexecuted out of his hands and to give it to another contractor to complete, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor if the whole work had been executed by him (of the amount of which excess the certificate in writing of the Executive Eng. shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by Government under the contract otherwise or from his security deposit or the proceeds of sale thereof or a sufficient part thereof.

In the event of any of the above course being adopted by the Executive Engineer, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagement, or made advances on account of or with a view to execution of the work or the performance of the contract. And in case the contract shall be rescinded under the provision aforesaid the contractor shall not be entitled to recover or be paid any sum for any work there to or actually performed under this contract unless and until the Executive Engineer shall have 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.

Clause 4. In any case in which any of the powers, conferred upon the Executive Engineer by clause 3 thereof, shall have become exercisable and he same shall not be exercised, the Contractor responsible to pay compensation (if action not taken by contractor clause - Power to take possession of in required removal to sell contractor plant non-exercise thereof shall not constitute waiver of any of the conditions hereof and such powers shall not with standing be exercisable in the event of any future case of default by the contractor which by any clause or clause hereof he is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the Executive Engineer putting in force the powers vested in him under the proceeding clause he may if he so desires take possession of all or any tools, plants, materials and store, in or upon the works, or the site thereof belonging to the contractor, or procured by him and intended be used for the execution of the work or any part thereof paying or allowing for the same in the account at the contract rates or, in case of these not being applicable, current market rates to be certified by the Executive Engineer whose certificate thereof shall be final and conclusive against the contractor otherwise the Executive Engineer may by notice in writing to the contractor or his clerk or the work foreman or other authorised agent require him to remove such tools plant materials, or store in the premises (within a time to specified in such notice) and in the event of the contractor failing to comply with such requisition- the Executive Engineer may remove them at the contractor's expense or sell them by action or public sale on account of the contractor and at his risk in all respect, and the certificate of the Executive Engineer as to the expense 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 - If the contractor shall desire an extension of the time for completion of the work, on the ground of having been unavoidably hindered in its execution or on any other ground, other than those mentioned in clause 12 (a) he shall apply in writing : to the Executive Engineer within 60 days from the date of starting of the work on account of which he desires such extension aforesaid, and the Executive Engineer shall, if in his opinion (which shall be final) reasonable grounds be shown therefore, authorise.

Extension of time

Chief Engineer

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Such extension of time, if any, as may in his opinion be necessary or proper. The Executive Engineer shall at the same time inform the contractor whether the claim compensation for the delay.

Final Certificate

*Clause 6* -- On completion of the work, the contractor shall be furnished with a certificate by the Execution Engineer (herein after called the Engineer - in - charge) of such completion but no such certificate be given, not shall the work be considered to be complete until the contractor shall have removed from the area of the premises (to be distinctly marked by the Execution Engineer in the site plan) on which the work shall be executed all scaffolding surplus materials and rubbish, and cleaned off the dirt from all wood work, doors, windows, walls, floors or other part of any building upon or about which the work is to be executed or of which he may have had possession for the purpose of the Execution thereof not until the work shall have been measured by the officer of the public works Department in accordance with the rules of the department whose measurements shall be binding and conclusive against the contractor if the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding surplus materials, rubbish and disposal of the same as he thinks fit and clean of such dirt as aforesaid, and the contractor shall forthwith pay the amount of all expense so incurred and shall have no claim in respect of any scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

Payment of interest in terms date certificate to be regarded as advance and bill to be submitted monthly

*Clause 7* - A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer-in-charge for all work executed in the previous months and the Engineer in charge or his subordinate shall take the requisite measurement for the purpose of having the same verified and the claim as for as admissible adjusted if possible before the expiry of ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid the Engineer-in-charge or his subordinate shall measure up the said work in the presence of the contractor whose counter signature to the measurement list will be sufficient warrant; and the Engineer-in-charge or his subordinate shall prepare a bill from such list which shall be binding on the contractor in all respects.

Stores supplied Government

Provided that if any balance of the 10% security is outstanding from each such payment shall be deducted to much, not exceeding 5% as may be necessary to make up the balance of the security. All such intermediate payments to the contractor shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed and shall not preclude the requiring of bad unsound and imperfect or unskilful work to be removed and taken away and re-constructed or re-erected or be considered as an admission of default or performance of the contract or any part thereof in any respect or the actual of any claim not shall conclude determine or effect in any way the powers of the Engineer-in-charge under these conditions or any of them as to the final settlement or adjustment of the accounts or otherwise, of in any other way vary or affect the contract.

*Clause 8* - The Final bill shall be prepared by the officer of the Public Works Department in accordance with the rules of the department in the presence of the contractor within the month of the date fixed for completion of the work.

*Clause 9* - If the specification or estimate of the work provides for the use of any special description of materials to be supplied from the Engineer - in - charge's stores, or it is required that the contractor shall use certain stores to be provided by the Engineer - in - charge under the conditions of this contract (such materials and stores, and prices to be charged therefore as therein after mentioned being so far as practicable for the convenience of the contractor but not so as in any way to control the meaning or effect of this contract are specified in the schedule or memorandum here to annexed) the contractor shall be supplied with such materials and stores noted in the annexed schedules as are required from time to time to be used by him for the purpose of the contract.

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Only on the value of the full quantity of materials and stores supplied at the rates specified in the said schedule may be set off or deducted from any sums then due or there after to become due to the contract under the contract, or otherwise, of against or from the security deposit or the proceeds of sale thereof; if the same is held in Government securities, the same or sufficient portion thereof being in the case sold for the purpose. All materials supplied to the contractor shall remain the absolute property of Government and shall not on any account be removed from the site of the work and shall at all time be open to inspections by the Engineer - in - charge. Any such materials unused and in perfectly good condition at the time of the completion or determination of the contract shall be returned to the Engineer - in - charge's store, at the prevailing market rate or the issue rate which ever is less if by a notice in writing under his hand he shall so require but the contractor shall not be entitled to return any such materials unless with such consent, and shall have no claim for compensation on account of any such material so supplied to him as aforesaid, being unused by him or for any wastage in damage to or any such materials.

Work to be executed in accordance with specification, drawing other etc.

Clause 10 - The contractor shall execute the whole any every part of the work in the most substantial any work-manlike manner, and both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also confirm exactly, fully and faithfully to the designs, drawing and instructions in writing relation to the work signed by the Engineer - in - charge and lodged in his office and to which the contractor be entitled to have access at such office, for the purpose of inspection during office hour, and the contractor shall if he so require be entitled at his own expense to make or cause to be made copies of specifications, and of all such designs drawings and instructions as aforesaid.

Clause 11 - Engineer - in - charge shall have power to make any alterations in for additions to the original specifications drawing designs and instruct in that may appear to him to be necessary or advisable during the progress of and the work the contractor shall be bound to carry out the work in accordance with any instructions which may be given to him in writing signed by the Engineer - in - charge. We and such alteration shall not invalidate the contract and any additional work shall be carried out by the contractor on the same conditions in all respects which he agreed to do the main work and at the same rates as are specified in the tender for the main work. The time for the completion of the work shall be extended in the proportion that the additional work bears to the original contract work and the certificate of Engineer - in - charge shall be conclusive as to such preparation. And if the additional work inclusive any class of work for which no rate is specified in this contract, then such clause of work shall be carried out at the rates entered in the sanctioned Schedule or rates of the locality during the period when the work is being carried on and if such last mentioned clause of work is not entered in the schedules of the district then the contractor shall within seven days of the date of his receipt of the order to carry out the work inform the Engineer - in - charge rate which it is his intention to charge for such class of work and if the Engineer-in-charge does not agree this rates be shall by notice in writing be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider advisable provided always that if the contractor shall commence work or incur any expenditure in regard thereof before the rates shall have been determined as lastly mentioned then and in such case he shall only be entitled to paid in respect of the work carried out or expenditure incurred by him prior to the date of the determination of the rate as aforesaid according to such rate or rates as shall be fixed by the Engineer - in - charge. In the event of a dispute decision of the Superintending Engineer of the circle will be final.

Alteration specifications and designation

Do not invalidate contract

Time is of alteration

Rates for works estimate schedule rates of district

Provided always that the contractor shall not be entitled to any payment for any additional work done unless he has received an order in writing from the Engineer-in-charge for the additional work that the contractor shall be bound to submit his claim for any additional work done during the month on or before the 15th days of following month accompanied by a copy of the order in writing of Engineer - in - charge for the additional work, and that the contractor shall not be entitled to any payment in respect of such additional work if he fails to submit his claim within the aforesaid period.

Chief Engineer

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Compensation for  
alteration in or  
restoration of work to  
be carried out

Clause 12 - If any time after the commencement of the work the Governor of Bihar shall for any reason whatsoever not require the whole thereof as specified in the order to be carried out the Engineer-in-charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in consequences of the full execution of the work not having been carried out, neither shall he give any claim for compensation by reason of any alteration having been made in the original specification, drawings designs and instruction which shall involve and entailment of the work as originally contemplated clause 12 (a) As contained in G.O.No. 1929 dated 11-9-56.

Action and com-

pensation payable in  
case of work

Clause 12(a)- The contractor shall not be entitled to claim any compensation for loss suffered by him on account of failure or delay by or on behalf of Government in the supply materials or store which the Government may have under taken to supply where such failure is due to  
(i) natural calamities, (ii) act of anamies, (iii) transport and procurement at difficulties or (iv) circumstances beyond the control of the State Government.  
In case of such failure or delay in the supply of materials or stores, on an application by the contractor within 30 days from the of such failure or delay, such extension of time shall be granted to the contractor for completion of the works as shall appears to the Engineer to be reasonable in accordance with, the circumstance of the case. His decision of the Executive Engineer as to the extension of time shall be accepted as final by the contractor.

Work to be taken to  
completion

Contractor or  
responsible Agents to  
be present

Clause 13 - If it shall appear to the Engineer - in - charge or his subordinate in charge of the work that any work has been executed with unsound, imperfect or unskilled workmanship or with materials or any inferior description; or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contractor for or otherwise not in accordance with the contract the contractor shall on demand in writing from the Engineer in - charge specifying the work materials or articles complained of not with standing that the same may have been inadvertently passed certified and paid for forth with rectify or remove and reconstruct the work, so specified in whole or in part as the case require, or as the case may be remove the materials or articles so specified and provided other proper and suitable materials or articles at his own proper charge and cost and in the event of his failing to do so within a period to be specified by the Engineer-in-charge on his demand aforesaid the contractor shall be liable to pay compensation at the rate of one per cent on the amount of the estimate for every day not exceeding ten days while his failure to do so shall continue and in the case of any such failure the Engineer - in - charge may rectify or remove and re-execute the work or cancel and replace with others the materials or articles complained of or as the case may be at the risk and expences in all respect of the contractor.

Notice to be taken  
before work covered  
up.

Clause 14- All work under or in courses of execution in pursuance of the contract shall at all time be open to the inspection and supervision of the Engineer - in - Charge and his subordinates and the contractor shall at all times during the usual working hours and at all other times at which reasonable notice of the intention of the Engineer - in - charge or his subordinate to visit the works shall have been given to the contractor either himself be present to received orders and instruction, or have a responsible agent duly accredited in writing present for that purpose order given to the contractor himself.

Contractor liable for  
damage done and for  
rectification a months  
after certificate.

Clause 15- The contractor shall give not less than five days notice in writing to the Engineer in - charge or his subordinate 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 dimensions thereof be taken before the same is so covered up or place beyond the reach of measurement and shall not cover up or place beyond the reach of measurement any work with out the consent in writing of the Engineer in - charge or his subordinate in charge of the work and if any work shall covered up or placed beyond the reach of measurement without such notice having been given or consent obtained the same shall be uncovered at the contractor's expences, or in default thereof to payment or allowance shall be made for such work on the materials with which the same was effected.

Clause 16- If the contractor or his work people, or servants shall break deface, injure or destroy any part of a building in which they may be working or any building, road, road curbs fence, closure waterpipes, cables drains, electric or telephone posts or wires, trees, grass or grassland or cultivated ground continuous to the premises on which the work or any part of it is to be executed or if any damage shall happened to the work, while in progress, from any cause whatever or any imperfection

IP- become whatever or any imperfection become apperent in it within three months (six months in the case of a road-work after a sr certificate final or other of its completion shall have been given by the Engineer - in - charge as a for seal the contractor shall make the same good at his own expence, or in default, the Engineer - in - charge may case the same or be made good by other work men and at the expence (of which the certificate or the Engineer - in - charge shall be final) from

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

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time thereafter may become due to the contractor or from his security deposit or the proceeds of sale here of or of a sufficient portion thereof. The security deposit at the contractor shall not be refunded before the expiry of three months (six months in case of a road work) after the issue of the certificate final or otherwise of completion of work. Provided that in the case of a road work if in the opinion of the Engineer - in - charge behalf of the security deposit will be refundable after three months of the issue of the said certificate of completion.

Clause, 17 - The contractor shall supply 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 tankle scaffolding and temporary works requisite or proper for the proper execution of the work whether original altered or substituted and whether included in the specifications or other documents forming part of the contract referred to in these conditions or not or which may be necessary; of for the purpose of satisfy him or complying with the requirement of the Engineer - in - charge as to any matter as to which under these conditions he is entitled to be satisfied which he is entitled to require together with carriage therefore: to And if on the work the contract 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 weighting and assisting in the measurement of examination at any time and from time to time of the work of materials. Failing his so doing the same may be provided by the Engineer-in -charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof The contractor shall also provide all necessary fencing and light required to protect the public from accident and shall be bound to bear the expense of defence of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing to neglect of above precautions and to pay any damages and, costs, which may be avoided in any such suit action proceedings to any such person of which may with the consent of the contractor ... be paid to compromise, any claim by any such person.

Contractor  
supply plant ladder  
scaffoldings etc.

And is liable  
Damage arising by  
Nonprovision of lig-  
Fencing etc.

Clause 18 - No female labour shall be employed with in the limits or cantonment.

The contractor shall not employ for the purpose of this contract any person which below the age of twelve years and shall pay to each labourer for the work done by such labourer wages not less than the wages paid for similar work in the neighbourhood.

The executive Engineer shall have the right to enquire into and decide any complaints lodging that the wages paid by the contractor any labourer for the work done by such labourer is less than the wages paid for similar work in the neighbourhood.

The officer in charge of the work shall have the right to decide whether any labourer employed by the contractor to below the age of twelve years and to refuse to allow any labourer whom he decide do to below the age of twelve years employed the contractor.

Clause 19- The contract shall not be assigned or subject without the written approval the Executive Engineer. And if the contractor shall assign or subject his contract or attempt so to, do or be come solvent or commence any insolvency proceedings or make any composition with his creditors or attempt so do; or if any be gratuity, gift loan, perquisite reward or advantage pecuniary or otherwise in all either directly or indirectly be given, promised or offered by the contractor or any of his servants agents to any public officer or person in the employ of Government in any way relating to his service or employment or if any such officer or person shall become in any way directly or indirectly in the contract, the Executive engineer may there upon by notice, in writing rescind the contract and the security deposit of the contractor shall there upon stand forfeited and absolutely at the

Work not to subject

Contract may  
rescinded and security  
deposit forfeited for  
subletting ribelise or  
if contractor come  
insolvent

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

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disposal of Government and the same consequences shall cluase as if the contract had been reseeded under cluase (3) here of and in addition the contractor shall not be entitled to recover or the paid any work there of a actually performed under contract.

Claiise 20 - All sums payable by way of compenstion under any of these conditions shall be considered as reasonable compensation to be applied to the use of Government with out reference to teh actual loss or damaged sustained and whether or not any damage shall have been sustained.

Sum payable by way  
of compensation to  
be considered as  
reasonable  
compensation  
without reference to  
actual loss

Clause 21 - In the case of a sender by partners any change in the constitution of the firm shall be forth with notified by the contractor to the Engineer - in - charge for this information. In case of failure to notify the change in the constitution within fifteen days the Engineer -in- charge may be notice in writing rescind the contract and the securi deposit of the contractor shall there upon stand forfeited and be absolutely at the disposal of Government and the same consequences shall ensure as if the contract had been rescinded under clause (3) here of and in addition contractor shall not be entitled to recover or be paid for any work therefore. actually per formed under the contract.

Changes in  
constitution of firm

Clause 22 - All work to be executed under the contract shall be executed under the direction and subject to the approval in all respect of the superintending laigneur of the Circle for the time, being who shall be entitled to direct the time being who shall be entitled to direct at what point or points and in what manner the are to be, commenced and from time carried on.

Works to be under  
direction of  
superintending  
Engineer

Clause 23 - In case any dispute or di (Terenceshall arise between' the parties, or either of hereupon any question relating to the meaning of the specification, designs drawing and instructions herein before mentioned ov as to the quality of workmanship, or materials used on the work vcr as-be the construction of atn of the conditions or any clause or thing there in contained or as to any question, claimrihts or liabilities of the parties, or any Clause or thing whatsoever in any way rising out of or relating in the contract designs drawing, specifications, estimates, instruction order, or these condi- tions otherwise concerning the work or the execution or failure to execute the same whether arising during the progress of the work, or after the completion or abandonment thereof or as to the breach of this contract, then either party shall forth with give to the other notice of such disputes or difference and such dispute or difference shall be referred to superintending Engineer of the circle and his decision thereof shall be final conclusive and binding on all the parties,

Lumpsums in  
estimates

Clause 24 - When the estimate on which a tenderis made includes lump sums is respect of parts of the work, the contractor shall be entitled to payment in respect of the nem of work involved of the part of the work in question at the same rates as are payable under this contract for such Items or ifthe part of the work in question is act in the opinion of the Engi - neer - in - charge capable of measurement. The Engineer- in - charge may at his discretion pay the lumpsum amount entered in the estimate, and certifi- cate iq writting of the Engineer - in- charge shall be final conclusive against the contractor with regard the lumpsom or sums payable to him under the provisions of this clause.

Action where no  
specification

Clause 25 - In the case of any class of work for which there is no such specifications as in mentioned in rales. Such work shall be carried out in accordance w iih the circle specification and the event of there being no circle specification then in such case the work shall be carried out in all respects in accordance-with the instruction and requirements ofthe Engineer-in - charge.

Definition of works

Clause 26 - The expression "work" or "works" where used on these condition shall unless there be something either in the subject or context repugnent to such construction be contracted and taken to mean the works by or by virtue of the contract contracted to be executed, whether temporary or perma- nent, and whether, original altered substituted to or additional.

Clause 27 - The terms, and conditions of the agreement have been read/explained to me and ..... certify ..... clearly understand them

Witness

Contractor



## Performance Security

**Name of Agency – “Ashok Kumar”**

Performance Security of “Ashok Kumar” Of “USS-133D”

<u>Passbook No.</u>	<u>DOI</u>	<u>Reg No.</u>	<u>Amount</u>
2265732	15.03.14		105000.00
2265744	30.07.14		151000.00
			-----
		Total	256000.00
			-----

(Rupees Two Lacs Fifty Six Thousands Only)

*V. K. Singh*  
 20/8/14  
 लेखा पदाधिकारी  
 बिहार राज्य शैक्षणिक आधारभूत संरचना  
 विकास निगम लि०, पटना

*Singh*  
 20/8/14

*प्राप्त 30/7*

*[Signature]*  
 1-9-2014  
 Chief Engineer  
 B.S.E.I.D.C. Ltd, Patna

*24a*



**Bihar State Educational Infrastructure Development Corporation Ltd.****B.O.Q. FOR UPGRADED SECONDARY SCHOOLS IN BIHAR****6****Group No. : USS-133D**

S.N	District	Block	Name of School
1	LAKHISARAI	Lakhisarai	U.M.S. Kachhiyana

**TENDER FOR WORKS**

I/we heredy tender for the execution for the Governor of Bihr of the work specified in the under written memorandum at the rates specified therein within a period of years month from the date of witten order to commence and in accodance in all respects with the specifications designs, drawing, and other documents referred to rule hereof and Subjects to the annexed condation of contract and with such materaials as are provided for by and in other respects in accordance with, such conditions so far as applicable.

**MEMORANDUM**

(a) If several sub-work are included they should be detained in the

(A) Name of Work :- **CONSTRUCTION OF UPGRADED SCHOOLS IN BIHAR Group No. : USS- 133 D**

(B) Estimated Cost :- **Rs. 51,99,129=00**

Agreement value :- **Rs. 51,15,423=00**

(b) This deposit will be 5% of the estimated cost of the

(C) Earnest Money :-

(c) This percentage deduction from bills will be credited to the

(D) Initial security deposits (including earnest money) to be deposited before the Commencement of the work- Earnest Money :- **Rs. 2,56,000/- (Details attached)**

(E) Percentage to be deducted from bill **Rs. 5% (Rupees five percent)**

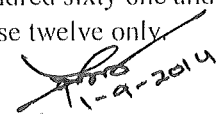
(F) Time required for the work from date of written order to commence **TWELVE MONTHS**

(G) Date of written order to commence :-

(H) Total number of item of work tendered for :- **74**

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
1			<b>2.0 Earth Work</b>				
		2.8	<b>EARTH WORK IN EXCAVATION</b> over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom, lift upto 1.5m including getting out the excavated soil and disposal of surplus soil as directed, within a lead of 50m.				
		2.8.1	<b>ALL KINDS OF SOIL</b>	24.06	CU.M	178.40	Rs. One hundred seventy eight and paise forty only.
2		2.26	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth: consolidating each deposited layer by ramming and watering lead of 50 m.	0.00	CU.M	57.80	Rs. Fifty seven and paise eighty only.
3		2.28	<b>SUPPLY AND FILLING</b> in plinth & Foundation with local sand and under floors including watering, ramming, consolidating and dressing and dressing complete.	173.23	CU.M	186.30	Rs. One hundred eighty six and paise thirty only.

**Chief Engineer****B.S.E.I.D.C. Ltd, Patna**

4	2.29.1	<b>SURFACE DRESSING</b> of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m	3.50	100 SQ.M	642.50	7 Rs. Six hundred forty two and paise fifty only.
5		<b>4.0 Concrete Work</b>	19.18	CU.M	2554.60	Rs. Two thousand five hundred fifty four and paise sixty only.
	4.5	Providing and laying of in position cement concrete of specified grade, excluding the cost of centering and shuttering all work upto plinth level.				
	4.5.6	<b>1:3:6</b> (1 Cement : 3 Coarse sand : 6 graded stone aggregate 40mm nominal size)				
6		<b>5.0 Reinforced Cement Concrete</b>	33.68	CU.M	3851.00	Rs. Three thousand eight hundred fifty one only.
	5.1	Providing and laying of in position, of specified mix of reinforced cement concrete, excluding the cost of centering and shuttering, finishing and reinforcement - all work upto plinth level.				
	5.1.2	<b>1:1½:3</b> (1 Cement : 1½ Coarse sand : 3 graded stone aggregate 20 mm nominal size) <b>IN FOUNDATION.</b>				
7	5.2	<b>Reinforced cement concrete work in wall</b> (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor v level, excluding costs of centering, shuttering, finishing and reinforcement.	24.83	CU.M	3903.40	Rs. Three thousand nine hundred three and paise forty only.
		<b>Col. In plinth &amp; superstructure</b>				
	5.2.2	<b>1:1½:3</b> (1 Cement : 1½ Coarse sand : 3 graded stone aggregate 20 mm nominal size).				
8	5.3+ 5.44.4	<b>Reinforced cement concrete work in beams</b> , upto five level excluding cost of centring, shuttering and finishing and reinforcement with <b>1:1½:3</b> (1cement: 1½ coarse sand :3 graded stone agreagate 20 mm niminal size)	7.04	CU.M	4161.12	Rs. Four thousand one hundred sixty one and paise twelve only.
9	5.3+ 5.44.4	<b>Reinforced cement concrete work in LINTEL BAND</b> upto five level excluding cost of centring, shuttering and finishing and reinforcement with <b>1:1½:3</b> (1cement: 1½ coarse sand :3 graded stone agreagate 20 mm niminal size)	32.48	CU.M	4161.12	Rs. Four thousand one hundred sixty one and paise twelve only.  1-9-2014

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10		5.3+ 5.44.4	Reinforced cement concrete work in suspended floors & roofs upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone agreagate 20 mm nimal size)	63.27	CU.M	4161.12	8 Rs. Four thousand one hundred sixty one and paise twelve only.
11		5.3+ 5.44.4	Reinforced cement concrete work in STAIRCASE upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone agreagate 20 mm nimal size)	8.06	CU.M	4161.12	Rs. Four thousand one hundred sixty one and paise twelve only.
12		5.14	Centering and shuttering including struting, propping etc. and removal of form for -				Rs. One hundred thirty seven and paise seventy eight only.
	12.1	5.14.1	Foundations, footings,bases of columns etc. for mass concrete.	0.00	SQ.M.	137.78	
	12.2	5.14.6	Columns	393.96	SQ.M.	283.30	Rs. Two hundred eighty three and paise thirty only.
	12.3	5.14.3	ROOF SLAB	506.44	SQ.M.	229.80	Rs. Two hundred twenty nine and paise eighty only.
	12.4	5.14.5	Lintels, beams, plinth beams,-	438.63	SQ.M.	195.60	Rs. One hundred ninety five and paise sixty only.
	12.5	5.14.7	Stairs (excluding landings).	47.75	SQ.M.	296.10	Rs. Two hundred ninety six and paise ten only.
13		5.29	Reinforcement for RCC work including straightening, cutting bending,placing in position and binding all complete.	1584.30	kg	63.40	Rs. Sixty three and paise forty only.
	13.1	5.29.1	Mild steel 6.00 mm dia				
	13.2	5.29.7A	Thermo- Mechanically Treated bars TMTC-500- 8mm dia.	8462.34	Kg	67.00	Rs. Sixty seven only.
	13.3	5.29.7B	Thermo- Mechanically Treated bars TMTC-500- 10mm dia.	2702.44	Kg	65.70	Rs. Sixty five and paise seventy only.
	13.4	5.29.7C	Thermo- Mechanically Treated bars TMTC-500- 12mm dia.	944.47	Kg	65.10	Rs. Sixty five and paise ten only.
	13.5	5.29.7D	Thermo- Mechanically Treated bars TMTC-500- 16mm dia.	432.11	Kg	65.70	Rs. Sixty five and paise seventy only.
	13.6	5.29.7E	Thermo- Mechanically Treated bars TMTC-500- 20mm dia.	720.33	Kg	65.50	Rs. Sixty five and paise fifty only.
14			<b>6.0 Brick Work (A)</b>				
	14.1	6.1 A	Brick work with bricks of class of class designation 100 A in foundations and plinth in :				
		6.1.14A	Cement mortar 1: 6 (1 cement : 6 coarse sand )	25.29	CU.M	3713.5	Rs. Three thousand seven hundred thirteen and paise fifty only.
	14.2	6.1.12/1	Cement mortar 1: 4 (1 cement : 4 coarse sand )	7.03	CU.M	3914.60	Rs. Three thousand nine hundred fourteen and paise sixty only.

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15	15.1	6.1 A	Brick work with bricks of class of class designation 100 A in superstructure upto floor V level in :				9
		6.1.14 A+6.3A	Cement mortar 1: 6 (1 cement : 6 coarse sand )	173.48	CU. M	4092.30	Rs. Four thousand ninety two and paise thirty only.
	15.2	6.18.4A +6.19A	Cement mortar 1: 4 (1 cement : 4 coarse sand )	15.28	SQ.M.	500.10	Rs. Five hundred and paise ten only.
16			<b>9.0 Wood Work</b>				
		9.82.1	Providing and fixing M.S. grills of requirement pattern in frames of windows etc. with M.S. flats square or round bars etc. all complete	1432.00	Kg	83.90	Rs. Eighty three and paise ninety only.
17			<b>10.0 Steel Work</b>				
		10.5	Providing and fixing in position collapsable steel shutters with vertical channels 20X10X2 mm and braced with flat iron ds 20X5 mm size with top and bottom rail of T-iron 40X40X6 mm with 40 mm dia steel pulleys completes with bolts-nuts locking arrangement stoppers handles including applying a priming coat of approved steel primer.	9.75	SQ.M	3634.00	Rs. Three thousand six hundred thirty four only.
18		10.7	Providing and fixing 1 mm thick M.S. sheet door & window with frame of 40X40X6 mm angle iron and 3 mm gusset plates at the junction and corners all necessary fittings complete including applying a priming coat of approved steel primer.	49.44	SQ.M.	2247.80	Rs. Two thousand two hundred forty seven and paise eighty only.
19		10.12	Providing and fixing steel glazed doors, windows and ventilatrs of standard rolled steel sections, joints mitered and welded with 15x3 mm lugs 10 cm long with steel lugs embedded in cement concrete blocks 15x10x10 Cm of 1:3:6 (1 Cement:3 coarse sand : 6 graded stone aggregate 22 mm nominal size) or with woodenplugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panes with glazing clips and special metal-sash putty of approved make complete including applying a priming coat of approved steel primer; excluding the cost of metal beading and other fitting except necessary hinges or pivots as required.	66.54	SQ.M.	2924.00	Rs. Two thousand nine hundred twenty four only.
20		10.19	Providing and fixing M.S. Fan clamp type 1 of 16 mm	22.00	EACH	108.20	Rs. One hundred eight and paise twenty only.

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21		10.32.2	Steel work welded in built up sections as per drawing including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using steel in <b>Stairs / Balcony railing.</b>	540.00	K.G.	77.10	Rs. Seventy seven and paise ten only.
22		10.33	Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer				
		10.33.1	MS tube (medium) 40 mm nominal bore	108.00	K.G.	81.60	Rs. Eighty one and paise sixty only.
23			<b>11.0 Flooring</b>				
		11.8	52 mm thick cement concrete flooring with metallic concrete hardener topping undr layer 40 mm thick cement concrete 1:2:4(1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal Size) and top layer 12 mm thick metallic cement hardener consisting of mix 1:2 (1 cement hardenr miz :2 stone aggregate 6 Mrr. ominal size) by volume hardning compund is mixed @ 2 litre per 50 kag of cement or as per manufacture specification. This includes cost of cement slurry, etc, but excluding the cost of nosing of steps etc. complete.	663.85	SQ.M	316.10	Rs. Three hundred sixteen and paise ten only.
24		11.14	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc.	228.28	SQ.M	16.60	Rs. Sixteen and paise sixty only.
25		11.72	Providing designation 100 - A, <b>BRICK FLAT SOLING</b> joints filled with local sand including cost of watering,taxes and royalty all complete as per building specification and direction of Engineer Incharge.	278.11	SQ.M	212.90	Rs. Two hundred twelve and paise ninety only.
26		11.76	Providing average 150 mm thick dry remmed Khoa beaten to 112 mm (Compacted with water) made of well burnt or Jhama bricks including ramming properly till compacted thickness is achieved. Curing and carriage of water with all leads, making proper slope and blinding the top with cement mortar, (1: 10) all complete as per building specification and direction of E/1	214.55	SQ.M	283.50	Rs. Two hundred eighty three and paise fifty only.
			<b>12.0 Roofing</b>				

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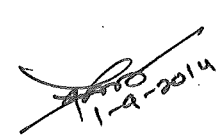
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27		12.78	Providing & fixing on wall face unplasticised - Rigid P.V.C. rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion . Single socket ed pipes. 110 mm dia				11
		12.78.2	110 MM RAIN WATER PIPE	82.31	Metre	199.60	Rs. One hundred ninety nine and paise sixty only.
28		12.79.5.2	BEND				
			110 MM	10.00	EACH	153.40	Rs. One hundred fifty three and paise forty only.
29		12.79.6.2	SHOE - 110MM	10.00	EACH	293.35	Rs. Two hundred ninety three and paise thirty five only.
30			<b>13.0 Finishing</b>				
	30.1	13.11.2	Cement Plaster in coarse sand with 12 mm cement plaster 1:4 (1 Cement : 6 Coarse Sand)	229.60	SQ.M.	90.70	Rs. Ninety and pasie seventy only.
	30.2	13.11.4	Cement Plaster in coarse sand with 12 mm cement plaster 1:6 (1 Cement : 4 Coarse Sand)	1290.96	SQ.M.	79.10	Rs. Seventy nine and paise ten only.
31		13.13.13.13.2	20 mm thick plaster of mix : 1 : 4 ( 1 Cement ; 4 Coarse Sand )	41.62	SQ.M	128.10	Rs. One hundred twenty eight and paise ten only.
		13.13.4	20 mm thick plaster of mix : 1 : 6 ( 1 Cement : 6 Coarse Sand )	663.16	SQ.M.	110.00	Rs. One hundred ten only.
33		13.17	12 mm cement Plaster 1:3 (1 Cement : 3 Coarse Sand) finished with a floating coat of neat Cement	48.53	SQ.M.	127.00	Rs. One hundred twenty seven only.
34		13.24.2	6 mm Cement Plaster to Ceiling of mix - cement plaster 1:4 (1 Cement : 4 Coarse Sand)	448.06	SQ.M.	68.20	Rs. Sixty eight and paise twenty only.
		13.26	Neat Cement Punning	315.08	SQ.M	25.90	Rs. Twenty five and paise ninety only.
36		13.70.13.70.1	White washing with lime to give an even shade New work (three or more coats)	1562.77	SQ.M	9.00	Rs. Nine only.
		13.78	Applying one coat of cement primer of approved brand and manufacturer on wall surface.				
37		13.78.1	cement primer on outer wall surface	730.25	SQ.M	22.10	Rs. Twenty two and paise ten only.
		13.79	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade				
38		13.79.1	New work (three or more coats )	730.25	SQ.M	51.70	Rs. Fifty one and pasie seventy only.

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

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39		13.93	Painting with <b>Synthetic enamel paints</b> of approved brand and manufacture of required color to give an even shade.				12
		13.93.1	Two or more coats on new work				
			<b>Painting over Steel surface</b>	283.92	SQ.M	42.00	
<b>23.0 Pile Work</b>							
40	40.1	23.2.5	<b>Making 25 cm (10") dia bore up to 4 Mtr Depth below ground with hand auger of approved quality in ordinary soil (Vide classification of soil item A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mtr. lead in including all lifts. all complete as per approved design and directions of E/I</b>	346.50	Metre	80.40	Rs. Eighty and paise forty only.
	40.2	23.2.6	<b>63 cm (25) UNDER REAM making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (Vide classification of soil item-A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mts. lead in including all lifts. All complete as per approved design and direction of (E/I)</b>	172.00	Each	85.70	Rs. Eighty five and paise seventy only.
41			<b>Sanitary Works</b>				
		D.S.R 17.1.1	<b>Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S tap, 10 litre low white P.V.C. Flushing cistern with manually controlled device (handle level) conforming to IS:7231 Parryware/ Hindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.</b>				
			<b>White Vitreous China Orissa pattern W C pan of size 580 X 440 mm with integral type foot rest.</b>	8.00	Each	3265.25	Rs. Three thousand two hundred sixty five and paise twenty five only.
42		DSR 18.49.	<b>Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931</b>				
		1	<b>15 mm nominal bore.</b>	8.00	Each	458.40	Rs. Four hundred fifty eight and paise forty only.
43		DSR 17.7.1	<b>Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require ;</b>				 Chief Engineer D.S.E.I.D.C. Ltd, Patna 24/11/2014

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			White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	4.00	EACH	2174.65	Rs. Two thousand one hundred seventy four and paise sixty five only.
44	44.1	DSR 17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				13
		17.28.2	Flexible pipe				
		17.28.2.1	32 mm dia	4.00	EACH	72.55	Rs. Seventy two and paise fifty five only.
	44.2	17.28.2.2	40 mm dia	1.00	EACH	74.90	Rs. Seventy four and paise ninety only.
45		DSR 17.11	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and including painting of fittings and brackets, cutting and making good the wall wherever required :				
		17.11.2	Size 600x450x200mm	1.00	EACH	2992.45	Rs. Two thousand nine hundred ninety two and paise forty five only.
46		DSR 18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
		18.52.1	15 mm nominal bore.	5.00	EACH	618.70	Rs. Six hundred eighteen and paise seventy only.
47		2.38A.2	Providing & fixing stainless steel jali (grating) with or without hole for waste pipe for floor / nahani trap.				
			100 mm dia. Weight not less than 100 gms.	2.00	EACH	23.37	Rs. Twenty three and paise thirty seven only.
48		12.78 BSR	Providing and fixing on wall face unplasticised 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.	76.21	MTS	199.60	Rs. One hundred ninety nine and paise sixty only.
		12.78.2	110 mm diameter				
49		12.79	Providing and fixing PVC pipe fittings with all accessories				
	49.1	12.79.5.2	1) 110mm Plain bend PVC	16.00	Each	153.40	Rs. One hundred fifty three and paise forty only.
	49.2	12.79.3.2	3) 110mm door tee PVC	12.00	EACH	294.60	Rs. Two hundred ninety four and paise sixty only.

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11-9-2014

Chief Engineer  
B.C.E.I.C. Ltd, Patna

24/10



50		19.30.1 .1/DSR	Constructing brick masonry chamber for Underground C.I. Inspection Chamber and bend with 75 class designation bricks in cement mortar 1:4(1 cement : 4 coarse sand)C.I Cover with frame (light duty) 455x610 mm internal dimentions, total weight of cover with frame to be not less than 38 kg.(weight of cover 23 kg. and weight of frame 15 kg) RCC top slab with 1:1.5:3 mix (1 cement:1.5 coarse sand :3 graded stone aggregate 20 mm mm nominal size) foundation concrete 1:5:10 mix (1 cement:5 coarse sand :10 graded stone aggregate 40 mmnominal size), inside plastering 12 mm th. with cenment mortar 1:3 (1 cement :3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design				14
			inside dimensions 455x610mm and 45 mm deep for single pipe with F.P.S. bricks	6.00	EACH	4505.00	Rs. Four thousand five hundred five only.
51		18.8/ DSR	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 with clamps at 1.00 m spacing. This includes joining of pipes & fittings with one stepCPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of E/I				
			Concealed work including cutting chases and making good the wall etc.				
	51.1	a)18.8. 1	15mm dia	35.00	MTS	254.95	Rs. Two hundred fifty four and paise ninety five only.
	51.2	c) 18.9.5	Exposed on wall 40mm dia	75.00	MTS	343.55	Rs. Three hundred forty three and paise fifty five only.
52	52.3	MR	Labour cost for preparation of BIHAR MAP on wall incuding painting all complete.	1.00	Each	15150.00	Rs. Fifteen thousand one hundred fifty only.

3/10/2014

Chief Engineer  
B.S.E.I.D.C. Ltd, Patna  
2/10/2014

53	18.48/ DSR	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	1000.00	LTS	6.30	15 Rs. Six and paise thirty only.
		<b>Providing and fixing of Borewell, Handpump with Submersible pump all complete.</b>				
		<b>Construction of 125 mm x 40mm dia x 75.00 mtr. Deep I.M III hand Tube Well</b>	1.00	Each	8635.50	Rs. Eight thousand six hundred thirty five and paise fifty only.
		Part 'A' Cost of Materials				
54.1		India mark III hand pump with 8 nos. Connection Rod and one cylinder (With provision of force and uplift)				
54.2		65 mm dia G.I. pipe medium quality (3mtrs length each).	8.00	Each	1072.62	Rs. One thousand seventy two and paise sixty two only.
54.3		125 mm dia UPVC casing pipe conforming to ISS	27.00	mtr	318.15	Rs. Three hundred eighteen and paise fifteen
54.4		40 mm dia length quantity G.I pipe conforming to ISS	44.00	mtr	187.86	Rs. One hundred eighty seven and paise eighty six only.
54.5		40 mm dia x 2 long PVC RIBBED strainer of approved quality	2.00	nos.	183.82	Rs. One hundred eighty three and paise eighty two only.
54.6		125 mm x 40 mm UPVC reducing socket (Heavy quality)	1	Each	166.65	Rs. One hundred sixty six and paise sixty five only.
		<b>Part - 'B' Labour Cost (Classification of soil item 'A')</b>				
		Boring by jet dhecki by suitable cutter of reduce as the case may be lowering 125 mm x U.P.V.C x 40 mm dia G.I pipe & strainer of standard quality iron, shoe, plug & socket etc. all complete including providing all tools and plants required for the job as per specification and direction of the engineer in charge.	27	mtr	210.86	Rs. Two hundred ten and paise eighty six only.
		(i) 0 to 30.5 m				
54.7		(a) For 125 mm dia U.P.V.C pipe				
54.8		(b) for 40 mm dia G.I pipe	3.5	mtr	105.46	Rs. One hundred five and paise forty six only.
		(ii) 30.5 m to 61.0 m	30.5	mtr	121.28	Rs. One hundred twenty one and paise twenty eight only.
54.9		(a) For 40 mm dia G.I Pipe				
		(iii) 61.00 m to 75.00 m	14	mtr	131.84	Rs. One hundred thirty one and paise eighty four only.
54.10		a) For 40mm dia G.I pipe				

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54.11	Providing all labour & tools and fitting & fixing India mark III hand pump over newly sunk for T/Well etc. all Complete	1	Each	67.38	Rs. Sixty seven and paise thirty eight only.
54.12	Supplying all labour and material and fitting and fixing G.I Cap over the new sink T/well	1	Each	65.65	Rs. Sixty five and paise sixty-five only.
54.13	Providing all labour & tools and fitting & fixing Cylinder with requisite suspension pipe and connection rod of India mark III hand pump etc. all complete.	1	Each	129.93	Rs. One hundred twenty nine and paise ninety three only.
54.14	Providing all labour & tools and lowering 65 mm dia G.I pipe as per specification etc. all Complete	24	p/m	21.55	Rs. Twenty one and paise fifty five only.
54.15	Supplying labour and developing the T/Well to have sand free discharge all complete as per direction of E/I	1	Each	283.31	Rs. Two hundred eighty three and paise thirty one only.
54.16	Providing all materials and labour and construction 1.85 dia circular P.C.C (1:2:4) UNICEF design platform with foot rest etc. all complete	1	Each	3679.43	Rs. Three thousand six hundred seventy nine and paise forty three only.
54.17	Providing all material and labour & constructing 1 P.C.C (1:2:4) UNICEF design drain for disposal of waste water etc. all complete.	3	P/M	311.08	Rs. Three hundred eleven and paise eight only.
54.18	Transportation of T/W materials, tools & plant from Store to work site and back to store if materials are surplus.	1	Each	361.28	Rs. Three hundred sixty one and paise twenty eight only.
	<b>Part 'C' Cost for Additional Motorised system for filling overhead water-tank</b>				
54.19	Providing and fixing of G.I pipes complete with G.I fittings and clamps, including, cutting and making good the walls etc. (internal work) 25mm dia	12	P/M	184.36	Rs. One hundred eighty four and paise thirty six only.
54.20	Providing and fixing brass valve 25 mm nominal bore Fullway valve ,	2	Each	213.06	Rs. Two hundred thirteen and paise six only.
54.21	25 mm nominal bore Non-Return valve	1	Each	236.90	Rs. Two hundred thirty six and paise ninety only.
54.22	Supplying all equipments, tools and installation of 1 HP single phase submersible motor pump set of KSB/ ISI make 2900 rpm capable of discharge 5000 LPH at 45 Mtr head with all necessary riser pipe, starter control panel, 1.25" Full way valve, 1.25" M.S clamp, 1.25" G.I Elbow, 1.25" check valve, 1.25" x 9" long G.I Nipple etc. all complete as per direction of E/I	1	Each	26462.00	Rs. Twenty six thousand four hundred sixty two only.
	<b>Internal Electrification Work</b>				

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55	1.1	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 PVC conduit, with piano type switch, phenolic laminated sheet, suitable size PVC/ G.I box etc. as required.	153	Each	473.69	17 Rs. Four hundred seventy three and paise sixty nine only.
	1.1.3	<b>Group C</b>				
56	1.2	Wiring for twin control light point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with 2way piano type switch, phenolic laminated sheet, suitable size PVC/GI box etc. as required.	2	Each	475.71	Rs. Four hundred seventy five and paise seventy one only.
57	1.5	Wiring for light/ power plug with 2x4 sq. mm. FR PVC insulated, copper conductor, single core, cable in and surface, recessed PVC conduit along with 1 no. 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	440	mtr	171.70	Rs. One hundred seventy one and paise seventy only.
58	1.7	Wiring for circuit/ sub main wiring along with earth wire with the following size of PVC insulated, copper conductor, single core cable in surface/ recessed PVC conduit as required.	335	Rmt	126.25	Rs. One hundred twenty six and paise twenty five only.
	(b) 1.7.2	2x2.5 sq. mm + 1x2.5 sq. mm earth wire.				
59	(c) 1.7.11	4x6 sq. mm + 1x6 sq. mm earth wire.	25	Rmt	390.87	Rs. Three hundred ninety and paise eighty seven only.
60	1.33	Supplying and fixing 2 pin 5 amp. Ceiling rose on the existing junction box/ PVC box including connection etc as required.	40	Each	23.23	Rs. Twenty three and paise twenty three only.
61	1.34	Supplying and fixing batten/ angle holder including connection as required.	92	Each	28.28	Rs. Twenty eight and paise twenty eight only.
62	1.23	Supplying and fixing following piano typed switch/ socket on existing switch box/ cover including connection etc. as required.	153	Each	49.49	Rs. Forty nine and paise forty nine only.
	1.23.7	Telephone socket on shutter outlet				
63	1.22	Supplying and fixing metal box of following size (normal size) on surface or in recess with suitable size or phenolic laminated sheet cover in front of including painting etc. as required.	6	Each	59.59	Rs. Fifty nine and paise fifty nine only.
	1.22.1	75mm X 75mm X 50mm deep (4" x 4")				

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64	1.30.	Supplying and fixing suitable G.I/PVC box on surface or in recess with phenolic laminated sheet cover in front including provided and fixing 6 pin, 15/16 amps socket outlet and 15/16 amps piano type switch connection, painting etc, as required.	46	Each	217.15	18 Rs. Two hundred seventeen and paise fifteen only.
65		<b>DISTRIBUTION BOARD</b>	2	Each	2554.29	Rs. Two thousand five hundred fifty four and paise twenty nine only.
	2.9	Supplying and fixing of following way of three pole and neutral sheet steel, MCB distribution board 415 Volts, on surface/ recess, tinned, copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and power painted including earthing etc. as required (but without MCB/ RCCB/ isolator)				
	(b)	6 way (4+18) double door				
66	2.12	Supplying and fixing 5 amps. to 32 amps, rating, 240 volts, 'C' series, MCB of following poles in the existing MCB DB with connections, testing and commissioning etc. as required.	35	Each	157.56	Rs. One hundred fifty seven and paise fifty six only.
	(a) 2.12.1	6/32 single pole				
67	(b) 2.12.5	6/32 TPN	1	Each	936.27	Rs. Nine hundred thirty six and paise twenty seven only.
68		LT Panel & Cable	100	mtr	237.35	Rs. Two hundred thirty seven and paise thirty five only.
	6.14	Supplying and laying following size and core PVC/ XLPE insulated PVC sheathed heavy duty armoured electrical cable with alluminium conductor for working voltage upto & including 1100 Volts. (Conforms to IS: 1554 part-1)				
	6.14.4	16 sq.mm X 4 core alluminium armoured cable				
69		Trench cutting in soil of suitable size 1.5 feet wide and 2 feet depth including refilling the trench with same etc. as required. ( For laying the cable)	100	Rmt	22.22	Rs. Twenty two and paise twenty two only.
70	2.2	Providing and fixing following capacity double pole/ TP & N sheet metal switch disconnector fuse unit in existing metal board, with ISI marked HRC fuses, including drilling holes in metal board, making connections, etc. as required.	1	Each	6034.75	Rs. Six thousand thirty four and paise seventy five only.
	2.2.2	100 amps. TP & N , HRC				
		<b>EARTHING</b>				

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71		3.15	Providing and laying earth conection from earth electrod with 6 SWG dia GI wire in 15 mm dia GI pipe from earth electrod , as required.	3	Each	123.22	Rs. One hundred twenty three and paise twenty two only.
72		3.6	E arthing with copper earth plate 600mmx600mmx3mm thick including accessioies,and providing masonary enclosure with cover plate having locking arrangement and watering pipe etc as required	1	Set	5633.78	Rs. Five thousand six hundred thirty three and paise seventy eight only.
73		MISCELLANEOUS WORK					
		CARRAIGE OF MATERIALS					
	73.1		A) LOCAL SAND ,Avg. LEAD - 3 KM.	177.47	CU.M	190.4	Rs. One hundred ninety and paise forty only.
	73.2	19.25K M	B) COARSE SAND ,Avg. LEAD from Lakhisarai	214.48	CU.M	354.12	Rs. Three hundred fifty four and paise twelve only.
	73.3	122.8K m	C) STONE CHIPS ,Avg. LEAD from Manpur	194.85	CU.M	1234.11	Rs. One thousand two hundred thirty four and paise eleven only.
	73.4		D) BRICKS ,Avg. LEAD- = 8 KM.	93.33	THOUS AND	557.36	Rs. Five hundred fifty seven and paise thirty six only.
	73.5		E) Cement ,Avg. Lead =5 KM.	2409.00	Bags	9.88	Rs. Nine and paise eighty eight only.
74			Add extra cost of material for Munger Commissionary w.r.t Gaya as per SOR, BCD	93.33	THOUS AND	269.85	Rs. Two hundred sixty nine and paise eighty five only.
	74.1		Bricks				
	74.2		Cement	2409.00	Bags	33.25	Rs. Thirty three and paise twenty five only.
				TOTAL , Cost = Rs.		51,99,129.21	
Group No. : USS-133D							
S.N	District	Block		Name of School			
1	LAKHISARAI	Lakhisarai		U.M.S. Kachhiyana			51,99,129.21
						Rs	51,99,129.21
						Say	51,99,129.00
Tender approved in favour of Ashok Kumar @ 1.61.% (one point six one) below BOQ rates i.e. total amount comes to Rs. 51,15,423=00 ( Rupees Fifty one Lacs Fifteen Thousand Four Hundred Twenty Three Only)							

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**SPECIAL CONDITIONS**

1. The tenderers are required to deposit the earnest money as prescribed in the NIT.
2. Every page should be signed by the Tenderer. In the event of tender being submitted by a firm, the tender should be signed by the person holding proper power of attorney and the copy of the same should also be submitted.
3. The rates quoted by the contractor should be inclusive of all taxes royalties and other incidental charges.
4. **To qualify for award of work, the Bidder must possess the following :-**
  - a) Legal Status, Place of Registration, Principal place of business & Power of attorney of signatory bid.
  - b) DD for required value of B.O.Q. Cost.
  - c) Sufficient Earnest Money Deposit.
  - d) Certificate from Chartered Accountant of Annual Financial Turn over usually not less than 50 % of the estimated cost of works for which bid has been invited in any one year and to be submitted for last five years as mentioned in Technical bid.
  - e) Certificate from EE / Concerned Authority for Work Experience of Similar nature (Satisfactory completed atleast one Building work of value not less than 25 % of estimated value of contract) in last five years and current Financial year will also be considered as mentioned in Technical bid.
  - f) Litigation History as mentioned in Technical bid.
  - g) Affidavit as mentioned in Technical bid.
  - h) Valid Registration with Central/ State Govt. / PSU.
  - i) Valid labour license as mentioned in Technical bid.
  - j) Valid Character Certificate as mentioned in Technical bid.
  - k) Affidavit/Certificate for not been debarred as mentioned in Technical bid.
5. Contractor should satisfy themselves fully about the nature, site of work before offering their tender and place of any ignorance afterwards shall not be considered.
6. The tender without earnest money or insufficient earnest money submitted with the tender, will be outright rejected.
7. Conditional tenders shall be outright rejected.
8. After approval of rates by the competent authority the contractor shall have to deposit the initial security money within 10 days of the receipt of the written work order failing which his tender shall be rejected and earnest money forfeited.
9. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reason.
10. Any claim for idle labours on any account shall not be entertained.
11. The contractor shall arrange necessary site for accommodation and other facilities like medical etc. For his labour on his own cost and initially will comply with labour rules prevalent in the locality.
12. The contractor shall be solely responsible for any damage occurred at site due to negligence of the labour or other staff and any damage shall be recovered from the contractor.
13. It will be obligatory on the part of the tenderer to keep his tender open for 120 days from the date of opening of tender.
14. The contractor shall not be entitled to any claim or compensation on account of any loss suffered by him due to :-
  - a. Natural calamities

*(Seal & Signature of Tenderer)*

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- b. Act of enemies.
  - c. Transport and procurement difficulties.
  - d. Circumstances beyond the control of the state.
15. No work beyond agreement shall be executed by the contractor unless specifically ordered by the Engineer –in- charge in writing on " SITE ORDER BOOK" . The claims for such work shall be submitted regularly in every month. If the claim is not received in the month to which it relates, it will be treated as time barred & may be disallowed.
  16. Income Tax & Sales Tax will be deducted from the Bill of Contractor as per prevailing Government Circular.
  17. The contractor shall make his own arrangement for water and light at the work site.
  18. The contractor should offer all facilities to the departmental officers for supervision, taking measurement, checking of the bill etc. and damage occurred during this process will be made good by him without any extra cost.
  19. Items ordered and done if not included in sanctioned rates will be payable after approval of rates by the competent authority.
  20. The Tenderer must not quote their rate more than 15 % below Bill of Quantity rates otherwise their tender will be outright rejected being unworkable for this work.
  21. The Electrical work must comply with Indian Electricity rules 195 as well as the general specifications for electrical works 1972 for up-to-date specification etc.
  22. If any departmental materials will be supplied to the contractor the cost for carriage etc. will be borne by the contractor.
  23. The Contractor shall be solely responsible for supply and use of sub standard materials. The contractor's Engineer will also be held responsible for execution of such substandard works. This will form Part of F-2 Agreement and become Clause no. 27 , and the existing Clause no. 27 of F-2 agreement shall become Clause no. 28.
  24. The Defect liability Period shall be One (1) Year from the date of completion of the work.

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(Seal & Signature of Tenderer)

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