

Name of Work - Construction of Proposed Science Block in Gautam Buddha Women's College in Gaya, Bihar.
(SL No. - 01)

BIHAR PUBLIC WORKS DEPARTMENT

Agency - [Form No. F-2] Akshit Engineering and Construction Pvt. Ltd.

ITEM RATE TENDER AND CONTRACT FOR WORKS

Agreement No. _____ 268 F₂ of 2017-18.

General Rule and Direction for the guidance of Contractors.

Date of Commencement - 06-03-2018.

1. All works proposed for execution by contract will be notified in a form of invitation to tender passed on a board hung up in the office of and signed by the Sub-divisional 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, amount of earnest money to be deposited 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 any other documents required in connection with this submission of tender signed for the purpose of identification by the Sub-divisional Officer/Executive Engineer shall also be open for inspection by the contractor at the office of the Sub-divisional 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 the absence of any partner, it must be signed on his behalf by a person holding a power-authorising him to do so.

3. Receipt for payments made on account of work when executed by a 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 receipt for the firm.

4. The memorandum of work tendered or 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 Sub-divisional Officer/Executive Engineer before the tender form is issued. If a form is issued to a intending tender without having been so filled in and completed, he shall request the office to have this done before he complete and delivers his tender.

5. The amount of earnest money to be deposited will be :-

If the amount of the estimate does not exceed Rs. 2,000

Rs.

... .. 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 there at what rate he is willing to undertake each item of the work incomplete tender and tenders which propose any alteration in the work specified in the said form of invitation tenders, 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 the treasury challan for the required earnest money will be liable to rejection. No single tender shall include more than one work, but contractors who will 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 envelop. Cash deposits for earnest money here in before mentioned shall be made in Government Treasuries and the challan there of should be enclosed with the tender.

Chief Engineer

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

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7. The Engineer or his duly authorised assistant will open the tender in the presence of intending contractors who may be present at the time and will enter the amounts of the several tenders 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 tender will, if he is competent to accept the tender, inform the tenderer or the selected tender who shall thereupon sign copies of the specification & other documents mentioned in rules 1 and 4 for the purpose of identification and for his acceptance with the tender. The tender 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 thereupon 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 and the security money deposited shall be refunded to the tenderer.

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

11. The amount of security money to be deposited by the tenderer whose tender is selected for acceptance shall be 10% of the estimated value of the work & towards this amount the earnest money already deposited by him shall be credit. At least half of this security inclusive of the earnest money shall be deposited by the tenderer within such time as may be notified to him in writing by the officer opening 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 & the required amount of the security money has been deposited the Engineer shall scrutinise all pages of the form of item, rate, tender & contract for works to see that the form has been properly filled up and signed by the contractor & the signature witnessed. He shall then if he is competent, to accept the tender, sign the acceptance of the tender, or if he is not so competent shall send the form for signature of the acceptance of the officer competent to accept it.

Director

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

b) If several sub-work are included they should be retained in a separate list.

- [a] Name of work
- [b] Estimated cost
- [c] Earnest money
- [d] Initial security deposits (including earnest money) to be deposited before the commencement of the work
- [e] Percentage to be deducted from bills Rs. 5% (Rupees five percent)
- [f] Time required for the work from date of written order to commence monthly
- [g] Date of written order to commence
- [h] Total number of items of work tendered for

n) This deposit will be 5% of the estimated cost of the work.

b) This percentage deduction from bills will be credited to the contractors security deposit.

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Item No.	Item of work	RATE TENDERED		Per
		In figures	In words	
<div style="display: flex; justify-content: space-between; align-items: flex-end; padding: 10px;"> <div style="width: 45%;"> <p>AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.</p> <p><i>(Signature)</i></p> </div> <div style="width: 45%; text-align: right;"> <p><i>(Signature)</i> Chief Engineer B.S.E.I.D.C. Ltd, Patna</p> </div> </div>				

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AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

Director

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

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		In figures	In words	

should this tender be accepted I/we hereby agree to abide by and fulfill all terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in ssors in office the sums of money mentioned in the said conditions

*Signature, of contractor before comission of tender

Dated the _____ day of _____ 20____

witness

Address

Occupation

Signature of witness to contractor's signature

The above tender is hereby accepted by me on behalf of the Governor of Bihar
Dated the _____ day of _____ 20____

signature of the officer accepting the tender

Acceptances communicated on.....

signature of the person taking the tender

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CONDITIONS OF CONTRACT

Compensation.

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

The work should not be considered untill such date as the Executive Engineer shall certify as the date on which the work is finished after necessary rectification of defects as pointed by the Executive Engineer or his authorised agents are fully contractor to the Engineer's 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 comence 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 ½ percent on the amount of the estimated cost of the whole work as shown by the tender for every day that the work remains uncommenced or unfinished after the proper date. 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 any 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-fourths of the work, before three fourths of such time has elapsed in the event of the contractor failing to employ with this condition. I shall be liable to pay as compensation an amount equal to ½ percent on the said estimated cost of the whole work for every day that the due quantity of work remains incomplete provided always that the entire amount of compensation to be paid under the provisions the clause shall not exceed 10 percent of the estimated cost of the work as shown in the tender.

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Clause 3 :- In any case which under any clause or clauses of or this contract the contractor shall have rendered himself laible to pay compensation amounting to the whole of his security deposit in the hands of Government (where paid in one sum or deducted by instalments) the Executive Engineer on behalf on the Bihar Government shall have been powered to adopt any of the following courses, as he may deem best suited to the interest of Government -

(a) To rescind the contract (of which rescind notice in writing to the contractor under the hand of the Executive Engineer shall be conclusive evidence) and in which case the sectitry deposit of the contractor shall start for a new tender and be absolutely at the disposal of Government.

AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

Ramesh Kumar

Director

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 work; debiting the construction with the cost of the labour and the price of the materials (of the amount of which cost and price certificate of the Engineer-in-charge 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 be final and conclusive against the contractor.

(c) To measure up the work of the contractor and to take such part of the work the contractor 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 a 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 Engineer shall be final and conclusive) shall be born and paid by the original contractor and made be deducted from any money due to him by Government under the contract or 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 courses 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 performance of the contract. And in case the contract shall be rescinded under the provision aforesaid, contractor shall not be entitled to recover or be paid any sum for any work there-to-fore 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 values 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 the same shall not be exercised the non-exercise thereof shall not constitute waiver of the conditions here and no power shall not with standing be exercisable in the event of any future case of default by the contractor for which by any clause or clauses 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 preceding clause he may, if so desires, take possession of all or any tools, plants, materials and stores, in or upon the works of the site thereof or belonging to the contractor or procured by him and intended to be for the execution of the work or any part thereof paying or owing for the same in the contract at the account rates, or in case of these not being available at current market rates to be certified by the Executive Engineer whose certificate thereof shall be final, otherwise the Executive Engineer may notice in writing the contractor or his clerk of the work, foreman or other authorised agent require him to move such tools, plants, materials or stores from the premises (within a time to be specified in such notice) and in the event to the contractor failing to comply with any requisition the Executive Engineer may remove them at the contractor expense or sell them by auction or private sale on account of the contractor and at his risk in all respects, and the certificate of the Executive Engineer, as to the expense of any such removal and the amount of the proceeds and expense of any such sale be final and conclusive against the contractor.

Clause 5 :- If the contractor shall desire any extension of the time for completion of the work on the ground of his 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 40 days from the date of starting of the work on account of which he desires such extension as aforesaid and the Executive Engineer shall, if in his opinion (which shall be final) reasonable grounds be shown for authorising such extension of time, if any, as may in his opinion be necessary or expedient. The Executive Engineer shall at the same time inform the contractor whether he is entitled to any compensation for the delay.

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Power to take possession
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Extension of time

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

27/06/18
Chief Engineer
B.S.E.I.D.C. Ltd, Patna
Signed by
26/06/18

Final certificate

Clause 6:- On completion of the work, the contractor shall be furnished with a certificate by the Executive Engineer (herein after called the Engineer-in-charge) of such completion but no such certificate be given, nor shall the work be considered to be complete until the contractor no such certificate be given, nor 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 Executive Engineer in the site plan) on which the work shall be executed all scaffolding surplus materials, and rubbish, and cleaned of the dirt from all wood-work, doors, windows, walls, floors or other parts of any building, in upon or about which work is to be executed, or of which he may have had possession for the purpose of execution thereof, not until the work shall have been measured by the officer of Public Work Department in accordance with rules of 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 and rubbish and cleaning off dirt on or before the date fixed for completion the work the Engineer-in-charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish and dispose of the same as he thinks fit and clean of such dirt aforesaid, and the contractor shall forth with pay amount of all expense so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum actually realised by the sale thereof.

Payment of 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 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 far as admissible, adjusted, if possible before the expiry of the 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 on 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 to the contractor in all respects.

Provided that, if any balance of the 10% security is outstanding from each sum payment shall be deducted so much not exceeding 5% may be necessary to make up the balance of the security. All such intermediate payment to the contractor shall be regarded as payments by way of advance against the final payments only and not as payments for work actually done and completed and shall not preclude the reputation of bad, unsound and imperfect or unskilful work to be removed and taken away and reconstructed or recreated be considered as an admission of due performance of the contractor, or any part thereof in any respect, or the actual of any claim nor shall it conclude, determine or affect in any way the powers of the Engineer-in-charge under these conditions or any of them as so the final settlement or adjustment of the account or in any other way vary or affect the contract.

Stores supplied
Government

Clause 8:- The final bill shall be prepared by the officer of the Public Work 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 material 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 or (such materials and stores, and the price to be charged therefore as herein 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 schedule or memorandum here to annexed) the contractor shall be supplied with such materials and stores noted in the annexed such schedule required from time to time to be used by him for the purposes of the contract, only at the value of the full quantity of materials and stores so supplied at the rates specified in the said schedule may be set off or deducted from any sums then due or there after become due to the contractor under the contract or otherwise, or against or from the security deposit, or the proceed of sale thereof, if the same is held in Government security the same or sufficient portion thereof in this case sold for the purpose. All materials supplied to the contractor shall remain the absolute property of Government and shall not on any accounts be removed from this site of the work and shall at all times be open

AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

Rakesh Kumar

Director

Chief Engineer
Public Work Department
B-5, E.D.C. Road, Patna
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ns by the Engineer-in-charge. Any such materials unused and in correctly in addition at the time of the completion or determination of the contract shall be to the Engineer-in-charge's store, at the prevailing market rate or at the issue hever is less if by a notice in writing under his hand he shall so require, but the or shall not be entitled to return any such materials unless with such consent I have no claim for compensation on account of any such materials so supplied s aforesaid being unused by him, or for any wastage to or any such materials.

ause 10 :- The contractor shall executive the whole and every part of the work ost substantial and workman like manner, and both as regards materials and e in every respect in strict accordance with the specifications. The contractor o confirm exactly, fully and faithfully to designs, drawings, and instructions in elating to the work singed by the Engineer-in-charge and lodged in his office and n the contractor shall be entitle to access at such office, for the purpose of on during office hours, and the contractor shall, if he so require be entitled at his penses to make or cause to be made copies of the specification, and of all such s, drawings and instructions as aforesaid.

ause 11 :- Engineer-in-charge shall have power to make any alteration in additions riginal specifications, drawings and instructions that may appear to him to be ary or advisable during the progress of the work. The contractor shall be bound out the work in accordance with any instructions which may be given to him in signed by the Engineer-in-charge, and such alteration shall not invalidate the t and any additional work which the contractor may be directed to do in the r above specified as part of the work shall be carried out by the contractor on the conditions in all respects on which he agreed to do the main work, and at the rates as are specified in the tender of the main work. The time for completion of rk shall be extended in the proportion that the additional work bears to the original ct work and the certificate of the Engineer-in-charge shall be conclusive as to roportion and to the additional work includes any class of work, for which no rates cified in this contractor then such class of work shall be carried out at the rates d in the sanctioned schedule or rates of the locality during the period when the s being carried on and if such last mentioned class of work is not entered in the ule of rates of the district then the contractor shall within seven days of the date receipt of the order to carry out the work inform the Engineer-in-charge does the hich in his intention to charge for such class of work and if the Engineer-in-charge not agree to this rate he shall be noticed in writing be at liberty to cancel his order ry out such class of work and arrange to carry it out in such manner as he may. der advisable provided always that if the contract shall commence work or in our xpenditure in regard thereof before the rate shall have been determine as lastly n before mentioned then and in such case he shall only be entitled to be paid in ct of the work carried out or expenditure incurred by him prior to the date of the mination of the rates as aforesaid according to such rate or rates as shall be fixed e Engineer-in-charge in the event of a disputes the decision of the superintending neer of the circle will be final.

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

Clause 12 :- If at any time after the commencement of the wok the Government of ar shall for any reason whatsoever not require the whole thereof as specified in the ter to be carried out. the Engineer-in-charge shall give notice in writing of the fact to contractor who shall have no claim to any payment of compensation whatsoever on ount of any profit or advantage, which he might have derived from the execution of work in full, but which he did not derive in consequence of the full amount of the work having been carried out neither shall he have any claim for compensation by reason ny alteration having been made in the original specification, drawing, designs and ruction which involve any installment of the work as originally contemplated

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Alteration in specifications
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Time in consequence of
alteration

Rate for work no in
estimate or schedule of
rates of the district.

Compensation for alter-
ation in or restriction of
work to be carried out.

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

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Clause 12 (a) The contractor shall not be entitled to claim any compensation loss suffered by him on account of delay by or on behalf of Government in the supply of materials as stores which the Government may have undertaken to supply where such failure is due to :-

(i) natural calamities, (ii) act of enemies, (iii) transport and procurement difficulties or (iv) circumstances beyond the control of the state Government.

In case of such failure in delay in the supply of materials or stores on an application by the contractor within 30 days from the date of such failure or delay, such extension of time shall be granted to the contractor for completion of the work as shall appear to the Engineer to be reasonable in accordance with the circumstances of the case. The decision of the Executive Engineer as to the extension of time shall be accepted finally by the contractor.

Action and compensation payable in case of work

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 unskilful workmanship or with materials of any inferior description, or by any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for at otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer-in-charge specifying the inadvertent pass, rectify and certified and paid for, forthwith rectify or remove and re-contract the work so specified whole or in part as the case may remove the materials or articles so specified and provide other proper and suitable materials or articles at his own proper charge and cost, and in the event of failing to do so within period to be specified by the Engineer-in-charge in his demand aforesaid the contractor shall be liable to pay compensation at the rate of one percent, 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 certify or remove, and re-execute the work or remove and replace with others, the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

Work to be taken to inspection

Clause 14 :- All work under in course of execution or executed in presence of the contractor shall at the times 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 time at which reasonable notice of the intimation of the Engineer-in-charge or his subordinate to visit the works shall have been given to the contractor, either himself to be present to receive orders and instruction, or have a responsible agent duly credited 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.

Contractor or responsible Agents to be present

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 of any work in order that the same may be measured and correct dimensions thereof be taken before the same is so covered up or placed beyond the reach of measurement and shall not cover up or place beyond the reach of measurement of any work without the consent in writing of the Engineer-in-charge or his subordinate in-charge of the work shall be 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 expenses or in default thereof on payment or allowance shall made for such work on materials with which the same was effected.

Notice to be taken before work covered up

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 curves, fence enclosure water pipes, cables, drains, electric or telephone posts or wires, trees, grass or grassland or cultivated ground contiguous on which the work or any part of it is being executed or if any damage shall happen to the work, while in progress from any cause whatsoever or any imperfection becomes apparent in it within three months (six months in the case of a road work) after a certificate final or other of its completion shall have been given by the Engineer-in-charge

AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

Director

Director

Chief Engineer

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

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ore seal, the contractor shall make the same good at his own expense, or in
t, the Engineer-in-charge may cause the same to be made be good by other
men and deduct the expense of which time thereafter may become due to the
ctor, or from his security deposit, or the proceed of sale thereof, or of a sufficient
there of the security deposit at the contractor shall not be refunded before the
of three months (six months in the case of a road-work) after the issue of the
ate final or otherwise of completion of work provided that in the case of a road work
opinion of the Engineer-in-charge behalf of the security deposit will be refundable
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
l materials) if any as may in accordance with the contract be supplied from the
er-in-charges stores). Plants, tools, application, implements, ladders, cordage,
scaffolding and temporary works requisits or proper for the proper execution of the
whether original, altered or substituted and whether include in the specification or
ocuments forming part of the contract or referred to in these conditions or not or
may be necessary for purpose of satisfying or complying with the requirement of
ineer-in-charge as to any matter as to which under these conditions he is entitled
atisfied which he is entitled to require together with carriage therefore to and form
k. The contractor shall also supply without charge the requisite number of persons
means and materials necessary for the purpose of setting out works, and counting,
ig and assisting in the measurement or examination at any time and form time to
the work or materials failing his so doing the same may be Provided by the
er-in-charge at the expense of the contractor and the expenses may be deducted
y money due to the contractor under the contract from his security deposit or the
ls of sale thereof or of a sufficient portion thereof. The contractor shall also provide
ssary fencing and lights required to protect the public from accident, and shall be
o bear to expenses of defence of every suit action or other proceeding at law that
brought by any person for injury sustained owing to neglect of the above
ions and to any such person or which may with the consent of the contractor be
compromise any claim by any such person.

Clause 18 :- No female labour shall be employed within the limits of contonment.
tractor shall not employ for the purpose of his contract any person who is below
of twelve years and shall pay to each labour for the work done by such labourer
not less than the wages paid for similar work in the neighbourhood.

ne executive Engineer shall have the right to enquire into the case and decide
plaint alleging that the wages paid by the contractor to any labourer for the work
such labour is less than the wages paid for similar work in the neighbourhood.

ne officer in-charge of the work shall have the right to decide whether any labourer
d by contractor is below the age of twelve years and to refuse to allow any
whom he decided to be below the age of twelve years to be employed by the
or.

ause 19:- The Contractor shall not be assigned or subject without the written
of the Executive Engineer. And if the contractor shall assign or subject his
or attempt so to do, or become insolvent proceedings to make any composition
reditors or attempt so to do, or if any bribe, gratuity, gift loan, requisite, reward
tage pecunary of otherwise, shall either directly or indirectly be given promised,
d by the contractor, or any of his servant or agents to any public officer or person
mploy of Government in any way relating to his officer or employment or if any
cer or person shall become in any way directly or indirectly interested in the
he Executive Engineer may there upon by notice in writing rescind the contract.
rity deposit of the contractor shall there upon stand forfeited and be absolutely
posal of Government and the same consequence shall ensure as if the contract
rescinded under clause 3 here of, in addition the contractor shall not be entitled
or be paid to any work therefore actually performed the under the contract.

Contractor liable for
damage done and for
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Contractor to supply to
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And is liable for damage
arising for non-provision
of tight fencing etc.

Work not to be subject

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Contract may be resinded
and security deposit for-
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or if contractor become
insolvent

Director

Director

20/06/31/18
Chief Engineer
B.S.E.D.C. Ltd, Patna

20/06/31/18
Eng neer
C. Ltd, Patna
Shaharajy
06/03/18

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

Clause 20:- All sums payable by way of compensation under any of the conditions shall be considered as reasonable compensation to be applied to the use of the Government without reference to the actual loss or damages sustained and there not any damage shall have been sustained.

Clause 21 :- In the case of a sender by partners, any change in the constitution of the firm shall be forthwith notified by the contractor to the Engineer-in-charge or the information.

Charges in constitution of firm.

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 security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of the Government and the same consequences shall ensure as if the contract has been rescinded under clause 3 hereof, and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under the contractor.

Works to be under direction of Suprintending Engineer

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 Engineer of the circle for the time being 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 23 :- In case any dispute or difference shall arise between the parties either of there upon any question relating to the meaning of the specifications, designs, drawings and instructions here before mentioned or as to the quality of workmanship or materials used on the work or as to the construction of any of the conditions or a clause or thing there in contained or as to any question, claim, rights of the parties, any matter, or things whatsoever in any way arising out of or relating to the contract designs, drawings specifications, estimates, instruction order of these conditions otherwise concerning the work or the execution, or failure to execute the same whether arising during the progress of the work or alter the completion or abandonment thereof as the breach of those contract then either party shall forthwith give to the order not of such dispute or difference and such dispute or difference shall be referred to the Superintending Engineer of the circle and his decision there on shall be final, conclusive and binding on all the parties.

Lum sum in estimate

(a) Clause 24 :- When the estimate on which a tender is made includes lump sum in respect of the contract shall be entitled to payment in respect of the items of work involved of the work in question the same rates as are payable under this contract on such terms, for 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 direction pay the lump sum amounts 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 payable to him under the provision of this clause.

Action where no specification.

Clause 25:- In the case of any class of work for which there is no such specification as is mentioned in rule 1, such work shall be carried out in accordance with the circle specification and in 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 instructions and requirements of the Engineer-in-charge.

Definition of works

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

Clause 27:- The terms and conditions of the agreement have been read/explained to me and..... certify.....

Witness.

Contractor

chedule showing (Approximately) materials to be supplied, it available the rates of
hich they are to be charged for and the places at which they are to be supplied

Particulars					Rates at which the material will be charged to the contractor			Place of delivery	
					Unit	Rs.	P.		

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-The person or firm submitting the tender should see that the rates in the above schedules are
he Engineer-in-charge on the issue of the form prior to the submission of the tender.

IT ENGINEERING & CONSTRUCTION PVT. LTD.
f Contractor)

Ramesh Kumar
Director

06/03/18
Chief Eng neer

(Signature of Executive Engineer)

20/6/3

06/03/18
Chief Eng neer
.D.C. Ltd, Patna

06/03/18

Bihar State Educational Infrastructure Development Corporation Ltd.

**AGREEMENT FOR CONSTRUCTION OF PROPOSED SCIENCE BLOCK IN GAUTAM
BUDDHA WOMEN'S COLLEGE IN GAYA. BIHAR**

TENDER FOR WORKS

I/we hereby tender for the execution for the Governor of Bihar of the work specified in the under written memorandum at the rates specified therein within a period of years month from the date of written order to commence and in accordance in all respects with the specifications designs, drawing, and other documents referred to rule hereof and Subjects to the annexed condition of contract and with such materials 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 separate list

(A) Name of Work :- **CONSTRUCTION OF PROPOSED SCIENCE BLOCK IN GAUTAM BUDDHA WOMEN'S COLLEGE IN GAYA. BIHAR (SL. NO-01)**

(B) Estimated Cost :- **Rs. 79,30,036=00**

Agreement value :- **Rs. 71,37,032=00**

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

(C) Earnest Money :-

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

(D) Initial security deposits (including earnest money) to be deposited before the Commencement of the work-

Earnest Money :- **Rs. 3,60,000/- (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 MONTH**

(G) Date of written order to commence :-

(H) Total number of item of work tendered for :- **88**

**BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.
SHIKSHA BHAWAN, SAIDPUR, PATNA.**

AGREEMENT FOR SCIENCE BLOCK AT GAYA

**THE ITEM RATE BASED ON S.O.R BCE BIHAR, DATE - 15-09-2014, & D.S.R (ELECTRICAL)
2014**

SL. No.	DISTRICT	NAME OF SCHOOL	COST (Rs.)			
1	GAYA	SCIENCE BLOCK AT GAYA	7,930,036.00			
CIVIL WORKS						
Sl. No.	SOR Item No.	Item of Work	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	2	3	4	5	6	7
EARTHWORK IN EXCAVATION						
1	2.8.1	Earthwork in excavation in areas(exceeding 30cm in depth. 1.5m in width as well es 10sqm on plan) including dressing of sides and ramming of bottom,lift upto 1.5 including getting out the excavated soil and disposal of surplus soil as directed within a lead of 50m. All Kind of soil SCIENCE BUILDING = 606.317 CUM SEPTIC TANK = 31.89 CUM TOTAL QUANTITY = 638.207 CUM	638.207	cum	205.20	Rs. Two hundred five and pasie twenty only.
2	2.29.1	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish, lead upto 50m and lift upto 1.5m SCIENCE BUILDING = 362.415 SQM	3.620	100 sqm	718.800	Rs. Seven hundred eighteen and paise eighty only.
EARTH FILLING						
3	2.26	Filling available excavated earth (excluding rock) in trenches and plinth side of foundation etc. in layers not exceeding 20cm. thick in depth consolidating each deposited layer by ramming and watering lead. SCIENCE BUILDING = 382.105 CUM	382.105	cu.m	66.40	Rs. Sixty six and paise forty only.

SAND FILLING						
4	2.28	<p>Supplying and filling in plinth with local sand and under floots including watering, ramming consolidating and dressing complete.</p> <p>SCIENCE BUILDING = 345.556 CUM</p> <p>SEPTIC TANK = 1.02 CUM</p> <p>TOTAL QUANTITY = 346.576 CUM</p>	346.576	cu.m	192.50	Rs. One hundred ninety two and paise fifty only.
FLAT BRICK SOLING						
5	11.72	<p>Providing designation 100A one brick flat soling joints filled with local sand including cost of watering texes royalty all complete as per building specification and direction of E/I.</p> <p>SCIENCE BUILDING = 693.057 SQM</p> <p>SEPTIC TANK = 13.57 SQM</p> <p>TOTAL QUANTITY = 706.627 SQM</p>	706.627	sq.m	227.600	Rs. Two hundred twenty seven and paise sixty only.
P.C.C.						
6	4.1.5	<p>Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- all work upto plinth level. Foundation</p> <p>1:3:6 (1cement: 3 coarse sand : 6 graded stone aggregate 20mm nominal size)</p> <p>SCIENCE BUILDING = 27.85 CUM</p>	27.850	cu.m	2775.70	Rs. Two thousand seven hundred seventy five and paise seventy only.

7	4.1.5	<p>Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering- all work upto plinth level. Flooring 1:3:6 (1cement: 3 coarse sand : 6 graded stone aggregate 20mm nominal size)</p> <p>SCIENCE BUILDING = 28.818 CUM SEPTIC TANK = 2.98 CUM TOTAL QUANTITY = 31.798 CUM</p>	31.798	cu.m	2775.70	Rs. Two thousand seven hundred seventy five and paise seventy only.
8	11.38	<p>Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown laid on 20mm thick bed of Cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc. complete.</p> <p>SCIENCE BUILDING = 19.62 SQM</p>	19.620	sq.m	801.800	Rs. Eight hundred one and paise eighty only.

9	11.36	Providing and fixing 1st quality Ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) 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 step and dados over 12mm thick bed of Cement Mortar 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 pigments of matching shade complete. SCIENCE BUILDING = 52.29 SQM	52.290	sq.m	754.200	Rs. Seven hundred fifty four and paise twenty only.
FLOORING & SKIRTING						
10	11.26.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete . Base with 1:1:1 (1 lime : 1 surkhi: 1 coarse sand) / 1:4 20 to 25 mm thick -	335.580	sq.m	968.000	Rs. Nine hundred sixty eight only.
11	11.49	Kota stone slabs 20 mm thick in risers of steps skirting. Dado & pillars laid on 12 mm (average (thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. Details of cost for 10 sqm SCIENCE BUILDING = 64.95 SQM	86.550	sq.m	927.500	Rs. Nine hundred twenty seven and paise fifty only.
R.C.C. WORK BELOW PLINTH LVL.						

12	5.1.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work upto plinth level 1:1:2 (1 cement:1 coarse sand:2 graded stone aggregate 20mm nominal size) SCIENCE BUILDING = 140.339 CUM	140.339	cu.m	5110.700	Rs. Five thousand one hundred ten and paise seventy only.
R.C.C. WORK ABOVE PLINTH LVL.						
13	5.2.1	Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and struts etc upto floor five level excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:1:2 (1cement: 1 coarse sand : 2 graded stone aggregate 20mm nominal size) SCIENCE BUILDING = 27.699 CUM	27.699	cu.m	5666.200	Rs. Five thousand six hundred sixty six and paise twenty only.
14	5.1.3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement-All work upto plinth level. 1:2:4 (1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) SCIENCE BUILDING SEPTIC TANK = 0.93 CUM	0.930	cum	3438.900	Rs. Three thousand four hundred thirty eight and paise ninety only.

15	5.3 + 5.33B.4 + 5.33B.1 /	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases upto floor five level excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:2:4 (1cement: 2 coarse sand : 4 graded stone aggregate 20mm nominal size) (Extra for Providing M-15 grade R.C.C. instead of M-20 grade R.C.C.) (Extra for Providing M-25 grade R.C.C. instead of M-20 grade R.C.C.) SCIENCE BUILDING = 138.14 CUM	138.140 /	cu.m	4581.200 /	Rs. Four thousand five hundred eighty one and paise twenty only. /
BRICK WORK						
16	6.1.14A /	Brick work with bricks of class designation 100A in foundations and plinth in cement mortar 1:6 (1cement :6 coarse sand) SCIENCE BUILDING = 35.566 CUM	35.566 /	cu.m	3992.90 /	Rs. Three thousand nine hundred ninety two and paise ninety only. /
17	6.1A + 6.1.12/1 /	Brick work with bricks of class designation 100A in foundations and plinth in : Cement mortar 1 :4 (1 cement: 4 coarse sand) SCIENCE BUILDING SEPTIC TANK = 8.75 CUM	8.750 /	cum	4184.00 /	Rs. Four thousand one hundred eighty four only. /
18	6.1.14A + 6.3A /	Brick work with bricks of class designation 100A in superstructure above plinth level upto three floor cement mortar 1:6 (1cement :6 coarse sand) SCIENCE BUILDING = 106.988 CUM	106.988 /	cu.m	4427.50 /	Rs. Four thousand four hundred twenty seven and paise fifty only. /

19	6.18.4A + 6.19A	Half brick Masonry with bricks of class designation 100A in superstructure above plinth level upto five floor cement mortar 1:4 (1cement :4 coarse sand) SCIENCE BUILDING = 22.925 SQM	22.925	Sq.m.	538.300	Rs. Five hundred thirty eight and paise thirty only.
20	6.21A	Extra for providing and placing in position 2 nos., 6dia MS bars at every third course of half brick masonry (with F.P.S. brick) SCIENCE BUILDING = 22.925 SQM	22.925	Sq.m.	75.900	Rs. Seventy five and paise ninety only.
PLASTER WORK						
21	13.13.4	20 mm cement plaster of mix ; 1:6 (1 cement : 6 coarse sand) SCIENCE BUILDING = 538.299 SQM	538.299	sq.m	123.50	Rs. One hundred twenty three and paise fifty only.
22	13.11.4	12mm thick Cement plaster of mix 1:6 (1 cement : 6 coarse sand) SCIENCE BUILDING = 489.909 SQM	489.909	sq.m	89.30	Rs. Eighty nine and paise thirty only.
23	13.13.1 + 13.26	20 mm cement Plaster 1:3 (1 cement: 3 coarse sand) with a floating coat of neat cement & neat cement punning SCIENCE BUILDING SEPTIC TANK = 16.65 SQM	16.650	sq.m	185.60	Rs. One hundred eighty five and paise sixty only.
24	13.17.1 +13.36.1	12 mm cement Plaster 1:3 (1 cement: 3 coarse sand) with a floating coat of neat cement & Extra for providing and mixing water proofing material in proportion recommended by the manufacturers: 12 mm cement plaster 1:3(1 cement :3 sand) SCIENCE BUILDING SEPTIC TANK = 52.82 SQM	52.820	sq.m	145.50	Rs. One hundred forty five and paise fifty only.

25	13.24.2	6mm thick Cement plaster of Ceiling mix 1:4 (1 cement : 4 coarse sand) SCIENCE BUILDING = 394.1 SQM	394.100	sq.m	77.40	Rs. Seventy seven and paise forty only.
26	11.40	52 mm thick cement concrete flooring with metallic concrete hardener topping under 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 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.	362.415	sq.m	335.20	Rs. Three hundred thirty five and paise twenty only.
FINISHING WORK						
27	13.78.1	Applying one coat of cement primer of approved brand and manufacture on wall surface : Cement primer SCIENCE BUILDING EXTERNAL WALL = 538.299 SQM	538.299	sq.m	24.90	Rs. Twenty four and paise ninety only.
28	13.79.1	Finishing walls with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade New work (three or more coats) SCIENCE BUILDING EXTERNAL WALL = 538.299 SQM	538.299	sq.m	60.50	Rs. Sixty and paise fifty only.

29	13.75	Distempering with dry distemper of approved brand and manufacture (two or more coats) and of equired shade on new work , over and including priming coat of whiting to give an even shade.	884.009	sq.m	42.400	Rs. Forty two and paise forty only.
30	13.80 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. SCIENCE BUILDING = 884.009 SQM	1422.308	sq.m	118.70	Rs. One hundred eighteen and paise seventy only.
31	13.81.1	Applying priming coat with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and softwood) SCIENCE BUILDING = 39.744 SQM	39.744	sq.m	25.20	Rs. Twenty five and paise twenty only.
32	13.81.3	Applying priming coat with ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanized iron/steel work. SCIENCE BUILDING = 51.21 SQM	51.210	sq.m	21.30	Twenty one and paise thirty only.
33	13.93.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new work SCIENCE BUILDING = 204.35 SQM	204.350	sq.m	50.90	Rs. Fifty and paise ninety only.

34	10.1	Structural steel work in single section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. 40x40x6 SCIENCE BUILDING = 124.95	124.950	Kg.	60.10	Rs. Sixty and paise ten only.
35	9.21.1	Providing and fixing flush door shutters non decorative type core of block board construction with frame of 1st class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35mm thick including stainless steel butt hinges with necessary screws. SCIENCE BUILDING = 16.56 SQM	16.560	sq.m	1823.80	Rs. One thousand eight hundred twenty three and paise eighty only.
STEEL WORK						

36	10.12.1 + 10.13B	Providing and fixing glazed steel doors, windows or ventilators of standard rolled steel sections, joints mitered and welded with 15x3 mm M.S. lugs 10cm long with steel legs embedded in cement concrete blocks 15x10x10cm. of (1:3:6) (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panels 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 Extra for providing and fixing steel beading of approved shape and section with screws instead of glazing clips and met. Sash putty in steel doors, windows, ventilators and	51.210	sq.m	3270.60	Rs. Three thousand two hundred seventy and paise sixty only.
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37	10.12.1 + 10.13C	Providing and fixing glazed steel doors, windows or ventilators of standard rolled steel sections, joints mitered and welded with 15x3 mm M.S. lugs 10cm long with steel legs embedded in cement concrete blocks 15x10x10cm. of (1:3:6) (1cement : 3coarse sand : 6graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panels 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 Extra for providing and fixing steel beading of approved shape and section with screws instead of glazing clips and met. Sash putty in steel doors, windows, ventilators and	0.720	sq.m	3277.600	Rs. Three thousand two hundred seventy seven and paise sixty only.
38	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 fixed to steel windows by welding. SCIENCE BUILDING = 1094.94 KGS	1094.940	Kgs.	91.50	Rs. Ninety one and paise fifty only.
39	5.22	Reinforcement for RCC work including straightening, cutting, bending, placing in position and bonding all complete.				
		TMTC-500				

5.22.7A	✓	TMTC-500 8mm dia SCIENCE BUILDING = 6598 KG SEPTIC TANK = 93 CUM TOTAL QUANTITY = 6691 KG	6691.000	KG	74.40	Rs. Seventy four and paise forty only.
5.22.7B	✓	TMTC-500 10mm dia SCIENCE BUILDING = 5939 KG	5939.000	KG	73.10	Rs. Seventy three and paise ten only.
5.22.7C	✓	TMTC-500 12mm dia SCIENCE BUILDING = 4127 KG	4127.000	KG	71.80	Rs. Seventy one and paise eighty only.
5.22.7D	✓	TMT-500 16mm dia SCIENCE BUILDING = 6315 KG	6315.000	KG	72.80	Rs. Seventy two and paise eighty only.
5.22.7E	✓	TMT-500 20mm dia SCIENCE BUILDING = 8211 KG	8211.000	KG	72.20	Rs. Seventy two and paise twenty only.
5.22.7F	✓	TMT-500 25mm dia SCIENCE BUILDING = 0 KG	0.000	KG	72.20	Rs. Seventy two and paise twenty only.
40	10.19	Providing & fixing M.S. Fan hook of 16 mm. dia. M.S. bar 1 Mtr. Long bent to required size and shape, placed in position and fixed in Truss Frame / RCC Slab / beam at the time of casting all complete as per building specification and direction of E/I. (Where materials is not supplied by deptt.) SCIENCE BUILDING = 15 EACH	15.000	Each	121.80	Rs. One hundred twenty one and paise eighty only.
41	10.33.1	Providing & fixing hand rail by welding etc. to steel ladder railing & staircases railing including applying a priming coat of approved steel primer. MS tube (medium) 40mm nominal bore. SCIENCE BUILDING = 150 KG	150.000	kg.	91.10	Rs. Ninety one and paise ten only.
MISCELLANEOUS WORK						

42	BSR 4.17	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 20mm nominal size) over 75mm bad by dry brick ballast 40mm nominal size well rammend and consolidated and grouted with fine sand including finishing the top smooth. SCIENCE BUILDING = 86.5 SQM	86.500	sq.m	319.30	Rs. Three hundred nineteen and paise thirty only.
SHUTTERING						
43	5.9.1	Centring and shuttering including strutting, propping etc. and removal of form for foundation, footings, bases of columns etc. for mass concrete. SCIENCE BUILDING = 210.701 SQM	210.701	Sqm.	166.70	Rs. One hundred sixty six and paise seventy only.
44	5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for lintel, beams, plinth beams, griders, bressumers and contilevers.	589.185	Sqm.	251.30	Rs. Two hundred fifty one and paise thirty only.
45	5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for columns, pillars, piers, abutments, posts and struts	75.560	Sqm.	344.40	Rs. Three hundred forty four and paise forty only.
46	5.9.3	Centring and shuttering including strutting, propping etc. and removal of form for suspended floors, roofs, landings, balconies and access platform.	436.932	Sqm.	275.60	Rs. Two hundred seventy five and paise sixty only.
					Total (A)	6,688,027.69
<u>CARRIAGE OF MATERIALS</u>						
47		Type of materials			Rate Incl. 1% Lab. Cess	
		Local Sand	355.952	cum	205.29	Rs. Two hundred five and pasie twenty nine only.

	Sand	254.182	cum	1299.43	Rs. One thousand two hundred ninety nine and paise forty three only.
	Stone Chips	311.650	cum	888.05	Rs. Eight hundred eighty eight and paise five only.
	Brick	94.075	Thous.	601.67	Rs. Six hundred one and paise sixty seven only.
	Cement	223.677	MT	289.87	Rs. Two hundred eighty nine and paise eighty seven only.
	Steel	31.190	MT	289.87	Rs. Two hundred eighty nine and paise eighty seven only.
	ADD EXTRA COST OF MATERIAL FOR GAYA COMM. W.R.T GAYA AS PER SOR BCD				
	Bricks	94.075	Thous.	0.00	
	Cement	223.677	MT	0.00	
				Total (B)	810,606.85
	<u>Plumbing and sanitary Work</u>				
48	B.S.R 12.78	Providing and fixing on wall face unplastidsed PVC (working pressure 4 kgf per sqm) rain water pipes cinforming to IS:4985 including jointing with seal ring conforming to IS:5382 leaving 10 mm gap for thermal expansion.			
	12.78.2	110 mm diameter.	15.000	MTS	214.20
					Rs. Two hundred fourteen and paise twenty only.

49	B.S.R 17.1.1	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. White Vitreous China Orissa pattern W C pan of size 580 x 440 mm with integral type foot rest.	1.000	Each	3035.40	Rs. Three thousand thirty five and paise forty only.
50	B.S.R 17.2.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) 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 complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked black solid plastic seat and lid	1.000	Each	2928.30	Rs. Two thousand nine hundred twenty eight and paise thirty only.
51	B.S.R 17.4.3	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	2.000	Each	6196.80	Rs. Six thousand one hundred ninety six and paise eighty only.

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		Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern.				
52	B.S.R 17.7.1	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 : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	4.000	Each	2120.30	Rs. Two thousand one hundred twenty and paise thirty only.
53	B.S.R 17.10.1.1	Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required: kitchen sink with drain board Size 510 x 1040mm bowl depth 225 mm	1.000	Each	7269.20	Rs. Seven thousand two hundred sixty nine and paise twenty only.
54	B.S.R 17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	2.000	Each	78.60	Rs. Seventy eight and paise sixty only.
	17.28.2.1	Flexible pipe 32 mm dia				
	17.28.2.2	Flexible pipe 40 mm dia	2.000	Each	81.10	Rs. Eight one and paise ten only.
55	B.S.R 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 453 x 357 mm	4.000	Each	643.40	Rs. Six hundred forty three and paise forty only.

56	B.S.R 17.33 ✓	Providing and fixing 600 x 120 x 5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	4.000 ✓	Each	478.30 ✓	Rs. Four hundred seventy eight and paise thirty only.
57	B.S.R 17.43.1.2 ✓	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. Sand cast iron S&S as per IS - 1729	4.000 ✓	Each	674.90 ✓	Rs. Six hundred seventy four and paise ninety only.
58	B.S.R 17.60.1.1 ✓	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: Sand cast iron S & S as per IS: 1729	4.000 ✓	Each	837.70 ✓	Rs. Eight hundred thirty seven and paise seventy only.
59	B.S.R 18.3.2	Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-AL-PE) Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge. 1620 (20mm OD) pipe	0.000 ✓	metre	239.80 ✓	Rs. Two hundred thirty nine and paise eighty only.

60	B.S.R 18.8.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00 m spacing. This includes joining of pipes & fittings with one step CPVC 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. 15 mm nominal outer dia Pipes	15.000	metre	241.00	Rs. Two hundred forty one only.
61	B.S.R 18.9.3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC 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. 25 mm nominal inner dia Pipes	25.000	metre	193.80	Rs. One hundred ninety three and paise eighty only.
62	B.S.R 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.	2000.000	LITTER	6.80	Rs. Six and paise eighty only.
63	B.S.R 18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				Rs. Four hundred

		15 mm nominal bore.	4.000	Each	497.00	ninety seven only.
64	B.S.R 18.52	Providing and fixing C.P. brass stop cock (concealed of standard design and of approved make conforming to IS : 8931	8.000	Each	670.70	Rs. Six hundred seventy and paise seventy only.
	18.52.1	15 mm nominal bore.				
65	B.S.R 19.2.1	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design : 100 mm diameter S.W. pipe	18.000	metre	312.50	Rs. Three hundred twelve and paise fifty only.
66	B.S.R 19.6.1	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: 100 mm dia R.C.C. pipe	8.000	metre	312.90	Rs. Three hundred twelve and paise ninety only.
67	B.S.R 19.27.1	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.000	Each	3117.30	Rs. Three thousand one hundred seventeen and paise thirty only.

68	B.S.R 19.30.1.1	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 dimensions, 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 nominal size) foundation concrete 1:5:10 mix (1 cement:5 coarse sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm th. with cement mortar 1:3 (1cement:3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design. Inside dimensions 466x610 mm and 45cm deep for single pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation	1.000	Each	3949.10	Rs. Three thousand nine hundred forty nine and paise ten only.
69	B.S.R 19.32.1	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with brick and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.000	Each	25900.10	Rs. Twenty five thousand nine hundred and paise ten only.
70	B.S.R 19.34	Providing and fixing S.W. intercepting trap in manholes with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				

	19.34.1	100 mm dia	0.000	Each	285.58	Rs. Two hundred eighty five and paise fifty eight only.
71		Detailed Estimate for construction of 125 mm x 40 mm x 90 mm Tube well Manual Boring				
71.1		125mm dia UPVC casing pipe confirming to ISS	27.000	Meter	315.00	Rs. Three hundred fifteen only.
71.2		40mm dia UPVC pipe confirming to ISS	48.000	Meter	99.38	Rs. Ninety nine and paise thirty eight only.
71.3		40mm dia PVC ribbed strainer of approved quality	8.000	Meter	182.00	Rs. One hundred eighty two only.
71.4		Reducing socket 125mm x 40mm	1.000	Each	270.00	Rs. Two hundred seventy only.
71.5		Supplying all labour and materials & fitting & fixing PVC cap over the new sink T/well	1.000	Each	140.00	Rs. One hundred forty only.
71.6	B.S.R 1548	Providing and fixing of G.I pipes complete with G.I fittings and clamps, including, cutting and making good etc 32 mm dia (15% C.P & 1% L.Cess)	18.000	mtr	224.44	Rs. Two hundred twenty four and paise forty four only.
71.7	B.S.R 1928	32 mm nominal bore Brass Full valve (15% C.P & 1% L.Cess)	1.000	Each	511.21	Rs. Five hundred eleven and paise twenty one only.
71.8		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	1.000	Each	26446.00	Rs. Twenty six thousand four hundred forty six only.

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		Boring by jet dheki 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.				
		(i) 0 to 30.5 m				
71.9		(a) For 125 mm dia U.P.V.C pipe	27.000	mtr	208.77	Rs. Two hundred eight and paise seventy seven only.
71.10		(b) for 40 mm dia UPVC pipe				
		(i) 0 to 30.5 m	3.500	mtr	119.03	Rs. One hundred nineteen and paise three only.
		(ii) 30.5 m to 61.0 m				
71.11		(a) For 40 mm dia UPVC pipe	30.500	mtr	136.88	Rs. One hundred thirty six and paise eighty eight only.
		(iii) 61.00 m to 75.00 m				
71.12		a) For 40mm dia UPVC pipe	14.000	mtr	148.79	Rs. One hundred forty eight and paise seventy nine only.
		(iv) 75.00 m to above				
71.13		a) For 40mm dia UPVC ribbed strainer of approved quality	8.000	mtr	148.79	Rs. One hundred forty eight and paise seventy nine only.
71.14		Providing all labour & tools and lowering 32 mm dia G.I pipe as per specificatin etc. all Complete	24.000	mtr	21.34	Rs. Twenty one and paise thirty four only.
71.15		Supplying labour and developing the T/Well to have sand free discharge all complete as per direction of E/I	1.000	Each	280.50	Rs. Two hundred eighty and paise fifty only.

72	Code no. of 1352	(i) C.I. cover and frame 300 x 300 mm inside SCIENCE BUILDING SEPTIC TANK = 1 EACH	1.000	Each	374.061	Rs. Three hundred seventy four and paise six only.
73	Code no. of 1621	(ii) S.C.I. plain bend 100 mm dia SCIENCE BUILDING SEPTIC TANK = 1 EACH	1.000	Each	436.399	Rs. Four hundred thirty six and paise thirty nine only.
74	Code no. of 7087	(iii) S.C.I. Tee 150 mm dia SCIENCE BUILDING SEPTIC TANK = 1 EACH	1.000	Each	748.111	Rs. Seven hundred forty eight and paise eleven only.
					Total (C)	180,676.76
		Electrical Works (1% labour cess has been added on current SOR as labour cess is not included in current sor).				
75	1.10	Point Wiring in PVC Conduit, with Modular type Switch:-				
		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 modular type switch, modular plate, suitable size of GI box etc as required.				
	1.10.3	Group C	120	Nos.	725.18	Rs. Seven hundred twenty five and paise eighteen only.
76	1.11	Twin Control Point Wiring in PVC Conduit, with Modular type Switch:-				
		Wiring for twin control light point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, 2 way modular type switch, modular plate, suitable size of GI box etc as required.	1	Nos.	777.70	Rs. Seven hundred seventy seven and paise seventy only.
77	1.31	Supply and Fixing Light Plug Point with Modular Type Accessories:-				

		Supply and Fixing GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin, 5/6 amps modular socket outlet and 5/6 amps modular type switch, connection, painting etc as required.	5	Nos.	306.03	Rs. Three hundred six and paise three only.
78	1.32	Supply and Fixing Light Plug Point with Modular Type Accessories:- Supply and Fixing GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin, 15/16 amps modular socket outlet and 15/16 amps modular type switch, connection, painting etc as required.	6	Nos.	398.95	Rs. Three hundred ninety eight and paise ninety five only.
79	1.12	Power Plug Wiring in PVC conduit (2x4 sq. mm):- Wiring for light/power plug with 2x4 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit along with 1 number 4 sq. mm FR PVC insulated copper conductor single core cable for loop earthing as required.	130	Mtrs.	163.62	Rs. One hundred sixty three and paise sixty two only.
80	1.14	Circuit / Sub-main wiring in PVC Conduit:- Wiring for circuit / sub-main wiring along with earth wire with the following sizes of PVC insulated, copper conductor, single core cable in surface/recessed PVC conduit as required.				
	1.14.1	2x1.5 Sqmm + 1x1.5 sqmm earth wire	75	Mtrs.	107.06	Rs. One hundred seven and paise six only.
	1.14.2	2x2.5 Sqmm + 1x2.5 sq mm earth wire	135	Mtrs.	132.31	Rs. One hundred thirty two and paise thirty one only.

	1.14.9	4x6.0 Sqmm + 2x6.0 sqmm earth wire (to be used as sub main)	18	Mtrs.	392.89	Rs. Three hundred ninety two and paise eighty nine only.
	1.14.10	4x10 Sqmm + 2x10 sqmm earth wire (to be used as sub main)	18	Mtrs.	602.97	Rs. Six hundred two and paise ninety seven only.
81	2.10	S/F 'C' series SP MCB:- Supplying and fixing 240 volts, 'C' series, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc, as required.				
	2.10.1	6/32A, Single Pole	25	Each	170.69	Rs. One hundred seventy and paise sixty nine only.
	2.10.3	6/32A ,DP	0	Each	463.59	Rs. Four hundred sixty three and paise fifty nine only.
82	2.13	S/F TPN MCB:- Supplying and fixing following rrating, four poles, 415 volt, isolator in the existing MCB DB complete with connections, testing and commissioning etc, as required.				
	2.13.1	40 A, TPN	1	Each	665.59	Rs. Six hundred sixty five and paise fifty nine only.
	2.13.2	63 A, TPN	1	Each	676.70	Rs. Six hundred seventy six and paise seventy only.
83	2.4	S/F TP MCB DB:-				

		Supplying and fixing of following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (Without MCB/RCCB/ISOLATOR). Make :- Legrand/Anchor/Havells/HPL.				
	2.4.4 ✓	4 Ways (4+12 ways) double door	2 ✓	Set	2,196.75 ✓	Rs. Two thousand one hundred ninety six and paise seventy five only. ✓
84	1.33 ✓	S/F Ceiling Rose:- Supplying and fixing 2 pin ceiling rose on the existing junction box/ wooden block including connection etc as required.	19 ✓	Each	43.43 ✓	Rs. Forty three and paise forty three only. ✓
85	1.25 ✓	S/F Modular type electronic fan regulator:- Supplying and fixing stepped type fan regulator on the existing modular plate switch box including connections but excluding modular plate etc as required.	20 ✓	Each	286.84 ✓	Rs. Two hundred eighty six and paise eighty four only. ✓
86	1.24	S/F Modular type Switch / Socket:- Supplying and fixing following modular type switch / socket on the existing modular plate and switch box including connections but excluding modular plate etc as required.				
	1.24.1	5/6 amp switch	8 ✓	Each	81.81 ✓	Rs. Eighty one and paise eighty one only. ✓
	1.24.4	3 pin 5/6 amp socket outlet	8 ✓	Each	79.79 ✓	Rs. Seventy nine and paise seventy nine only. ✓

		EARTHING				
87	5.6	COPPER EARTH PLATE ELECTRODE:- Earthing with copper earth plate 600mmx 600mmx 3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc with charcoal/cock and salt as required.	1	Each	9,384.92	Rs. Nine thousand three hundred eighty four and paise ninety two only.
88	5.10	P/F 25 x 5mm copper earth strip in pipe :- Providing and fixing 25mmx5mm copper earth strip in 40mm G.I. pipe FRLSom earth electrode including connection with brass nut,bolt,spring,washer excavation and re-filling etc. as required.	4	Mtrs.	1,092.82	Rs. One thousand ninety two and paise eighty two only.
89	JSR-2015 3.9	S/L 8 SWG copper wire in ground :- S/L 8 SWG G.I. wire in ground :- Supplying and laying 8 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including soldering etc. as required.	9	Mtrs.	77.00	Rs. Seventy seven only.
		Cable Laying of 1.1 KV & 11 KV :-				
90	7.1	Laying of one number PVC insulated and PVC Sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	7.1.1	Upto 35 Sq.mm.	27	Mtrs.	196.95	Rs. One hundred ninety six and paise ninety five only.
		G.I. Pipe for Cable protection:-				

91	14.13	Providing , laying and fixing following dia GI pipe (medium Class) in ground complete with G.I.Fittings including trenching (75 cm deep) and refilling etc. as required.				
	14.13.1	50 mm dia	2	Mtr.	454.50	Rs. Four hundred fifty four and paise fifty only.
	14.13.3	100 mm dia	0	Mtr.	992.83	Rs. Nine hundred ninety two and paise eighty three only.
92	9.10	1.1 KV Cable End Termination:- Supplying and making indoor cable end termination with brass double compression gland and aluminium lugs for following size of PVC insulated XLPE Al. Ar. Cable of 1.1 KV grade as required.				
	9.1.21	3.5 Core 35 Sq.mm.	1	Each	272.70	Rs. Two hundred seventy two and paise seventy only.
93	JSR 2015	Heavy duty,armoured electrical cable with aluminium conductor for working voltage upto and including 1100 volts.				
	1907.00	3.5C x 35 Sq.mm 1.1kV	66	Mtrs.	374.71	Rs. Three hundred seventy four and paise seventy one only.
94	JSR 2015 2.2	S/F HRC fuse type TP&N switch disconnector:- providing and fixing following capacity double pole/TP&N sheet metal switch disconnector fuse unit in exsisting metal board,with ISI marked HRC fuses,including drilling holes in metal board,making connections,etc. as required.				

Performance Security

Name of Agency:- Akshit Engineering and Construction Pvt. Ltd.

"Performance Security of Construction of Proposed Science Block in Gautam Budhha women's College in Gaya Bihar SL.NO- 01"

<u>P.Book</u>	<u>DOI</u>	<u>Amounts</u>
3736726220	16.08.2017	2,00,000.00
3822748853	14.11.2017	1,60,000.00
	Total-	3,60,000.00

(Rupees Three Lacs Sixty Thousand Only)

लेखा पदाधिकारी
बिहार राज्य शैक्षणिक आधारभूत संरचना
विकास निगम लि., पटना

[Signature]
08/12/17

AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

[Signature]
Director

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

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बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि०

(बिहार सरकारका एक उपक्रम)
शिक्षणमयन, बिहारराष्ट्रभाषापरिषद् परिसर, शिवपूजनसहाय पथ, सैदपुर, पटना-800004, दूरभाष-0612-2910314
कॉर्पोरेटपहचानसंख्या: U80301BR2011SGC015859, e-mail: bseidc@gmail.com, website: www.bseidc.in, Fax No.: 0612-2660256,

पत्रांक:-BSEIDC/FIN/2888/2017-18/-पटना, दिनांक 13.04.17

प्रेषक,

ब्रजेश प्रसाद

मुख्य परामर्शी (तकनीकी)

सेवामें,

Akshit Engineering and Construction Pvt. Ltd.
Shiva Hardware, Sadar Bazar
Phulwarishariff, Patna

विषय:- बिहार राज्य अंतर्गत Construction of Proposed Science Block in Gautam Buddha Women's College in Gaya, Bihar (SL. No.-01) से संबंधित (निविदा आमंत्रण सूचना संख्या-27/2016-17)।

महोदय,

उपर्युक्त विषय के संबंध में कहना है कि विषयांकित कार्य की निविदा हेतु आपके द्वारा निविदित दर जो परिमाण विपत्र के दर से 10.00% (दस दशमलवशून्य शून्य प्रतिशत) कम है तदनुसार निविदा की कुल राशि रु० 71,37,032/- (इकहत्तर लाख सैंतीस हजार बत्तीस) मात्र आपके पक्ष में स्वीकृत की गयी है।

अतः निदेश दिया जाता है कि अग्रधन की राशि रु० 3,57,000/- (तीन लाख सन्तावन हजार रुपये) मात्र का सावधि पासबुक/राष्ट्रीय बचत प्रमाण पत्र के रूप में प्रबंध निदेशक, बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लि०, पटना के नाम से प्रतिज्ञिप्त हो जमा कर अविलंब एकरारनामा कर लें।

(ब्रजेश प्रसाद)

मुख्य परामर्शी (तकनीकी)

पटना, दिनांक 13.04.17

ज्ञापक:-BSEIDC/FIN/2888/2017-18/-

प्रतिलिपि: Sri Pankaj Kumar Singh, Computer Programmer for uploading on BSEIDC website/Senior Account Officer, BSEIDC, Patna for information & necessary action

मुख्य परामर्शी (तकनीकी)

पटना, दिनांक 13.04.17

ज्ञापक:-BSEIDC/FIN/2888/2017-18/-

प्रतिलिपि: मुख्य अभियंता, BSEIDC को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

मुख्य परामर्शी (तकनीकी)

पटना, दिनांक 13.04.17

ज्ञापक:-BSEIDC/FIN/2888/2017-18/-

प्रतिलिपि: प्रबंध निदेशक महोदय, BSEIDC को सूचनार्थ समर्पित।

मुख्य परामर्शी (तकनीकी)

Chief Engineer

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

AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

Rakesh Kumar

Director

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. (Tel. No: 0612-2910314)

Letter No. :BSEIDC/NIT/2016-17 - 9911


Patna, Date: 18.10.16

CORRIGENDUM NO.-1

With reference to N.I.T No. 27/2016-17 dated: 23.09.2016 through e-Tendering website www.eproc.bihar.gov.in, the following amendments have been made as mentioned below :-

Sl No.	EXISTING PROVISION	AMENDED PROVISION
i	Period of Sale of Bid document (Download) from dated 13.10.2016 to 25.10.2016, 15:00 Hrs.	Period of Sale of Bid document (Download) from dated 13.10.2016 to 01.11.2016, 15:00 Hrs.
ii	Time and date for pre-bid meeting on dated 18.10.2016, 14:30 Hrs.	Time and date for pre-bid meeting on dated 24.10.2016, 14:30 Hrs.
iii	Last date and time for receipt (Upload) of Bids on dated 26.10.2016, 15:00 Hrs.	Last date and time for receipt (Upload) of Bids on dated 02.11.2016, 15:00 Hrs.
iv	Last date and time for deposit earnest money on dated 28.10.2016, 15:00 Hrs.	Last date and time for deposit earnest money on dated 03.11.2016, 15:00 Hrs.
v	Time and date for opening of Technical Bids on dated 28.10.2016, 16:30 Hrs.	Time and date for opening of Technical Bids on dated 03.11.2016, 16:30 Hrs.
vi	Time and date for opening of Financial Bids on dated 04.10.2016, 15:30 Hrs.	Time and date for opening of Financial Bids on dated 09.11.2016, 15:30 Hrs.

The Other Terms & Conditions will remain same.


(Brajesh Prasad)
Chief Consultant
(Technical)

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

2/10/16
6/12

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 at least one Building work of value not less than 25 % of estimated value of contract) in last five years 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) 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
 - b. Act of enemies.

AKSHIT ENGINEERING & CONSTRUCTION PVT. LTD.

Reyesh Kumar

(Seal & Signature of Tenderer) Director

Page 1 of 2

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

2/10
6/3

बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड

$$\left\{ \frac{\partial}{\partial x_i} \right\}_{i=1}^n \cdot \left(\frac{\partial}{\partial x_1}, \dots, \frac{\partial}{\partial x_n} \right) = \left(\frac{\partial}{\partial x_1}, \dots, \frac{\partial}{\partial x_n} \right)$$
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Submitted: 11/06/2016 22:01:24

$$| \begin{array}{c} \text{H} \\ | \\ \text{C}_1 - \text{C}_2 - \text{C}_3 \\ | \quad | \quad | \\ \text{H} \quad \text{H} \quad \text{H} \end{array} \rangle = \frac{1}{\sqrt{6}} \left(\begin{array}{c} \text{H} \\ | \\ \text{C}_1 - \text{C}_2 - \text{C}_3 \\ | \quad | \quad | \\ \text{H} \quad \text{H} \quad \text{H} \end{array} \right) + \frac{1}{\sqrt{6}} \left(\begin{array}{c} \text{H} \\ | \\ \text{C}_1 - \text{C}_2 - \text{C}_3 \\ | \quad | \quad | \\ \text{H} \quad \text{H} \quad \text{H} \end{array} \right)$$

for a full range of arguments, visit www.eproc.bihar.gov.in.)

Երբ որոշում կայացվում էր, որ Կոմիտեի անդամները պետք է լինեն իրենց անունով հայտարարված քաղաքական դիրքերի և հայացքների համապատասխան, ապա Կոմիտեի անդամները պետք է համապատասխանեցնեին իրենց քաղաքական դիրքերը և հայացքները Կոմիտեի անդամների հետ:

क्र.सं.	विवरण	अनुमानित मूल्य (रु. में)	अनुमानित वजन (किलो. में)	अनुमानित की. मूल्य (रु. में)	Beltron Bid Processing Fee (In Rs.)	अनुमानित की. मूल्य
✓	Construction of proposed Science Block in Gautam Buddha Women's College in Gaya.	80.00	1.60	10,000.00	5750.00	12 रु.
	Construction of proposed Administrative Block in Gautam Buddha Women's College in Gaya.	85.00	1.70	10,000.00	5750.00	12 रु.

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47417, 25.09.2016.

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Figure 14: 10 20 16 4 29, 10 20 16, 15 00 06 11

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$$\frac{\partial}{\partial t} \left(\frac{1}{2} \rho \mathbf{u} \cdot \mathbf{u} \right) + \frac{\partial}{\partial x} \left(\frac{1}{2} \rho \mathbf{u} \cdot \mathbf{u} \right) = \frac{\partial}{\partial x} \left(\frac{1}{2} \rho \mathbf{u} \cdot \mathbf{u} \right) + \frac{\partial}{\partial t} \left(\frac{1}{2} \rho \mathbf{u} \cdot \mathbf{u} \right)$$
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Website: www.eproc.bihar.gov.in (e)

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www.enroc.bihar.gov.in

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

$$\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{4}$$

www.epcc.bihar.gov.in
 (Password) and (Digital Signature) both of which are available at
 www.epcc.bihar.gov.in

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Performance (summed for each of the four groups) was significantly affected by the presence of the target ($F(1, 15) = 10.00, p < 0.01$).

	2.2.3	200 amps,TP&N, HRC	1	Each	7,910.32	Rs. Seven thousand nine hundred ten and paise thirty two only.
95	JSR 2015 2.5	S/F Busbar Chamber:-				
96	2.5.3	Providing and fixing following capacity busbar chamber with 4 strips of suitable size made of capper,heavy duty,complete with all accessories including connections,earthing the body,etc as required.(200A)	1	Each	7,366.94	Rs. Seven thousand three hundred sixty six and paise ninety four only.
					Total (D)	235,625.06
		FIRE FIGHTING				
	DGS&D	Brand new ISI marked Life Guard ABC type multipurpose Fire Extinguishers 4 Kgs. Capacity, fitted with pressure guage complete in all respects, ready to use, complete installation kit.	2.000	Nos.	7549.750	Rs. Seven thousand five hundred forty nine and paise seventy five only
					Total (E)	15,099.50
			Grand Total (A+B+C+D+E)=			7,930,036.00
(Rupees Seventy Nine Lacs.Thirty Thousand and Thirty Six) Only						

Tender approved in favour of Akshit Engineering and Construction Pvt. Ltd. @ 10.00% (Ten Decimal Zero Zero Percent) below BOQ rates i.e. total amount comes to Rs. 71,37,032=00 (Rupees Seventy One Lacs Thirty Seven Thousand Thirty Two Only)

बिहार राज्य शिक्षण संरचना विकास निगम (बी) में अर्पित हो (बी) को बीएसईडीसी (BSEIDC) के माध्यम से ऑनलाइन मोड में जमा किया जायेगा। बिहार राज्य शिक्षण संरचना विकास निगम (बी) में अर्पित हो (बी) को बीएसईडीसी (BSEIDC) के माध्यम से ऑनलाइन मोड में जमा किया जायेगा।

• Bidder Bid Processing Fee is mandatory to be paid through online 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.

(ii) बिहार राज्य शिक्षण संरचना विकास निगम (बी) में अर्पित हो (बी) को बीएसईडीसी (BSEIDC) के माध्यम से ऑनलाइन मोड में जमा किया जायेगा। बिहार राज्य शिक्षण संरचना विकास निगम (बी) में अर्पित हो (बी) को बीएसईडीसी (BSEIDC) के माध्यम से ऑनलाइन मोड में जमा किया जायेगा।

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ब्रजेश प्रसाद
मुख्य परामर्शी(तकनीकी)