Name of Work-Construction of Proposed Build of Science Department, Govt. College Schedule XLV-Form No. 61 at Tetrari, in the District of Gaya. Name of Agency-Ranjan Kuman Gajraj Singh Agreement No. - 628 Fz of 2014-15 BIHAR PUBLIC WORKS DEPARTMENT

> [Form No. F-2] ITEM RATE TENDER AND CONTRACT FOR WORKS

General Rule and Direction for the guidance of Contractors.

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 tenderex 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 eventof the tender being submitted by a firm, it must be signed separately by each member nere of 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 Subdivisional 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 50	
	If the amount of the estimate exceeds Rs. 2,000 but does	
	not exceed Rs. 5,000	
. 1	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	

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, er 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 earnests money here in before mentioned shall be made in Government Treasuries and the challan there of should be enclosed with the tender.

- 7. The Engineer or his duly authorised assistant will open the tender in the presence of any intending contractors who may be present at the time and will enter the amounts of the several tenders a comparative statements in a suitable form. In the event of a tender being rejected the challan for the earnest money forwarded therewith shall there upon be returned to the tenderer with a pay order for the amount of the earnest money.
 - 8. The Engineer shall have the right of rejecting all or any of the tenders.
- 9. In the event of a tender being selected for acceptance the Engineer who opened the tenders will, 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 priscribed 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 credite. At least half of this security inclusive of the earrnest 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 the tender.

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

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TENDER FOR WORKS

I/We heredy 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.

	oiner	respects in accordance wi	th, such conditio	ns so far as app	licable.
(a) it several sub-work are included they should be detained in a separate list.	[A]	Name of work	MEMOR	RANDUM	
	[b]	Estimated cost	***************************************	******************	
(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 deposit.	[d]	Initial security deposits (including earnes	t money) to be o	leposited befor the
	[e]	Precentage to be deduct	ed from bills Rs.	5% (Rupees fiv	re percent)
		Time required for the	work from d	ate of written	order to commence
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should this tender be accepted I/we hereby agree to abide by and fulful all the terms and provisions of the said conditions of contract annexed hereto so for as applicable, or in ssors in office the sums of money mentioned in the said conditions.

Dated the

day of

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*Signature of contractor before comission of tender witness:-

Address:

Occupation -

Signature of witness to contractor's signature

The above tender is hereby accepted by me on behalf of the Governor of Binar.

Dated the

day of

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signature of the officer.

Acceptances communicated on.....

signature of the party taking the tender

CONDITIONS OF CONTRACT.

Compensation

Clause 1:- All compensation or other sums of payable by the contractor, to 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 therefore or from any sums which may be due or may become due to the contractor by Government on any account whatsoever and in the event of his security deposit being reduced by reason of any such deduction or sale as 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, or arised 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 wirtten 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 contract or) 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 enterest 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 security deposit of the contractor shall start forfeited, and be absolutely at the disposal of Government.

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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, debitting 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 of 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 the sum which would have been paid to the original contractor if the whole work had been executed by him (of the amount of which excess the certificate in writing of the Executive 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 the 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 there of shall not contitury waiver of the conditions here and such 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 preceeding clause he may, if so desires, take possession of all or any tools, plants, materials and store, 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 there of paying or allowing for the same in the contract at the account rates, or in case of these not being applicable 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 to the contractor or his clerk of the work, foreman or other authorised agent require him to remove 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 such 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 respect, 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 hinderance on account of which be desires such extension as aforesaid and the Executive Engineer shall, if in his opinion (which shall be final) reasonable grounds be shown thereof authorised such extension of time, if any, as may in his opinion be necessary or proper. The Executive Engineer shall at the same time inform the contractor whether he claims compensation for the delay.

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Power to take posession of or require removal of or sell contractor plant.

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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, flocirs or other parts of any building, in upon or about which the work is to be executed, or of which he may have had possession for the purpose of the execution thereof, not until the work shall have been measured by the officer of the Public 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 the thinks fit and clean of such dirt as 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.

Flayment 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 for 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 whose counter signature on the measurement list will be sufficient warrant, and the Engineer-in-charge or his subordinate shall prepare at 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 such 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 precinde the reputing 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 accounts or in any other way vary or affect the contract.

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.

Stores supplied Government

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 if it is required that the contractor shall use certain stores to be provided be the Engineer-in-charge under the conditions of this contract or (such materials and stores, and the prices 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 and 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 to become due to the contractor under the contract or otherwise, or against or form 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 he removed from this site of the work and shall at all times be open to

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inspections by the Engineer-in-charge. Any such materials unused and in correctly in good condition at the time of the completion or determination of the contract shall be returned to the Engineer-in-charge's store, at the prevailing market rate or at the issue rate whichever is less if by a notice in writing under his hand he shall so reqire, but the contractor shall not be entitled to return any such materials unless with such consent and shall have no claim for compensation on account of any such materials so supplied to him as aforesid being unused by him, or for any wastage to or any such materials.

Clause 10 :- The contractor shall executive the whole and every part of the work in the most substantial and workman like manner, and both as regards materials and otherwise in every respect in strict accordance with the specifications. The contractor shall also confirm exactly, fully and faithfully to designs, drawings, and instructions in writing relating to the work singed by the Engineer-in-charge and lodged in his office and to which the contractor shall be entille to access at such office, for the purpose of inspection during office hours, and the contractor shall, if he so require be entitled at his own expenses to make or cause to be made copies of the specification, and of all such designs, drawings and instructions as aforesaid.

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

Provided always that the contractor shall not be entitled to any payment for any additional work done unless he has received an order in writing from the Engineer-in-charge for the additional work the contractor shall be bound to submit his claim for any additional work done during any month on or before the 15th days other following month accompanied by a copy of the order in witting of the Engineer-in-charge for the additional work and that contractor or shall mot be entitled to any payment in respect of such additional 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 Bihar shall for any reason whatsoever not require the whole thereof as specified in the tender to be carried out, the Engineer-in-charge shall give notice in writing of the fact to the contractor who shall have no claim to any payment of compensation whatsoever on account of any profit or advantage, which he might have derived from the execution of the work in full, but which he did not derive in conquence of the full amount of the work not having been carried out neither shall he have any claim for compensation by reason of any alternation having been made in the original specification, drawing, designs and instruction which shall involve any installment of the work as originally contemplated clause 12 (a) As contained in G O 1929 dated 11.9.56.

Work to be executed accordance with specification drawing other etc.

Alteration in specifications and degination.

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

Compensation for altation in or restriction work to be carried out.

Chief Engineer
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Clause 12 (a) The contractor shall not be entitled to claim any compensation for 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 dificulties 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 form the date of such failure or delay, such extension of time shall be grantes to the contractor for completion of the work as shall appears 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 as 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 form the Engineer-incharge specifying the inadverentaly passed certified and paid for, forthwith rectify or remove and re-contract the work so specified in whole or in part as the case may remove the materials or articles so specified and provided other proper and suitable materials or articles at his own proper charge and cost, and in the event of failing to do so within period to be specified by the Engineerin-charge in his demand aforesaid the contractor shall be laible 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 all shall be considered to have the same force as if they had been given to the contractor himself.

Contractor or respon-Stisible Agents to be Goresent.

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 there of 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 there on payment or allowance shall made for such work on materials with which the same was effected.

Notice to be taken

Clause 16:- If the contractor or his work-people, or servants shall break, deface injure before work covered up. or destroy any part of a building in which they may be working or any building, road, road curves. fence enclosure waterpipes, 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 become apparent in if 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

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as a fore seal, the contractor shall make the same good at his own expense, or in default, the Contractor Hable for Engineer-in-charge may cause the same to be made be good by other worksmen and deduct the demage done and for expense of which time thereafter may become due to the contractor, or from his security deposit, imperfection a months or the proceed of sale there of, or of a sufficient portion there of the security deposit at the and after certificate contractor shall not be refunded before the expiry of three months (six months in the case of a roadwork) after the issue of the certificate final or otherwise of completion of work provided that in the case of a road work if in the opinion of the Engineer-in-charge behalf of the security deposit will be refundable after three months of the issue of the said certificate of completion

Clause 17:- The contractor shall supply at his own cost all materials (except such special Contractor to supply to materials) if any as may in accordance with the contract be supplied from the Engineer-in-charge's plantladder scaffolding stores). Plants, tools, application, implements, ladders, cordage, tackle scaffolding and tempo-etc. rary works requisits or proper for the proper execution of the work whether original, altered or substituted and whether include in the specification or other documents forming part of the contract or referred to in these conditions or not or which may be necessary for purpose of satisfying or complying with the requirement of the Engineer-in-charge as to any matter as to which under these conditions he is entitled to be satisfied which he is entitled to require together with carriage therefore to and form the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out works, and counting, weighing and assisting in the measurement or examination at any time and form time to time of the work or materials failing his so doing the same may be Provided by the Engineer-in-charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The contractor shall also provide all necessary fencing and lights required to protect the public from accident, and shall be bound to bear to And is liable for damage expenses of defence of every suit action or other proceeding at law that may be brought by any arising for non-provision person for injury sustained owing to neglect of the above precautions and to any such person or of light fencing etc. which may with the consent of the contractor be paid to compromise any claim by any such person.

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

Work not to be subject

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

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

Contract may be resinded clause 19:- The Contractor shall not be assigned or subject without the written approval and security deposit forof the Executive Engineer. And if the contractor shall assign or subject his contract, or attempt so feited for subletting bribes to do, or become insolvent proceedings to make any composition with his creditors or attempt so or if contractor become to do, or if any bribe, gratuity, gift loan, requisite, reward or advantage pecunairy of otherwise, shall either directly or indirectly be given promissed, or offered by the contractor, or any of his servant or agents to any public officer or person in the employ of Government in any way relating to his officer or employment or if any such officer or person shall become in any way directly or indirectly interested in the contract the Executive Engineer may there upon by notice in writing rescind the contract. The security deposit of the contractor shall there upon stand forfeited and be absolutely at the disposal of Government and the same consequence shall ensure as if the contract had been recinded under clause 3 here of, in addition the contractor shall not be entitled to recover or be paid to any work therefore actually performed the under the contract.

Fina

Such payable by way of pensation without reference to actual loss

Clause 20: - All sums payable by way of compensation under any of these conditions shall compensation to be con- be considered as reasonable compensation to be applied to the use of the Government without sidered reasnable come reference to the actual loss or damages sustained and there of 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 this 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 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.

Actio tion r work f ay

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Works to be under direcgineer

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 tion of Suprintending En- 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 or 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 any clause or thing there in contained or as to any question, claim, rights of the parties, or 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 or otherwise concerning the work or the execution, or failure to execute the same whether arising during the progress of the work of alter the completion or abondment thereof or as the breach of those contract then either party shall forthwith give to the order notice 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.

Work insped

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 or work involved of the work in question the same rates as are payable under this contract 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.

Contra Sisible A Gpresen

> Action where 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 constructed 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.

Notice t before v

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

Contractor.

Witness

Chief Engineer B.S.E.I.D.D. Lid, Pains

Schedule showing (Approximately) materials to be supplied, it available the rates of which 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.	
ç.m.∗		j .	Control of the Contro	
7			emanager (experience)	
			Viladitary	
	PACE STATE OF THE PACE STATE O	• • • • • • • • • • • • • • • • • • •	NAME OF THE PROPERTY OF THE PR	
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The second second		A CONTRACTOR OF THE CONTRACTOR		
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		OCT OF STREET,	ordinate)	
		Andrew Company		
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2				
	_	PA OF CONTROL OF CONTR	Mary Children	
	Action (Action		or Selection	

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

\$8mgn

(Signature of Contractor)

AND WILLIAM PARKS

(Signature of Executive Engineer)

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

21/20

AGREEMENT FOR CONSTRUCTION OF PROPOSED BUILDING OF SCIENCE DEPARTMENT, GOVT. COLLEGE AT TEKARI, GAYA BIHAR STATE CDUCATIONAL INFRASTRUCTURE CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA

Based on SOR FOR BCD BIHAR - 11-08-2013

TENDER FOR WORKS

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

MEMORANDUM

(a) If several sub-work are incuded they should be detained in the separate list

(A) Name of Work :- CONSTRUCTION OF PROPOSED BUILDING OF SCIENCE DEPARTMENT, GOVT. COLLEGE AT TEKARI, GAYA

(B) Estimated Cost:- Rs. 53,31,297=00 Agreement value :- Rs. 48,52,013=00

(b) This deposit will be 5% of the estimated cost (C)Earnest Money:of the work.

credited to the contractors security deposits

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

Earnest Money:- Rs. 2,43,000/- (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 SIX MONTHS
- (G) Date of written order to commence :-
- (H) Total number of item of work tendered for :- 88

Sl. No.	SOR Item No.	Item of Work	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	2.8.1	Earthwork in excavation in areas(exceeding 30cm in depth. 1.5m in width as well es 10sqm on plan) incloding 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		cum	178.40	Rs. One hundred seventy eight and paise forty only.

Chief Engineer 3.S.E.I.O.O. Ltd. Patna

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		Francis -	<u> </u>			
		Surface dressing of the ground				
		including removing vegetation and				
2	2.29.1	inequalities not exceeding 15cm				
		deep and disposal of rubbish, lead				Rs. Six hundred forty
		upto 50m and lift upto 1.5m	1.699	100 sqm	642.500	two and paise fifty only.
		Filling available excavated earth	/		J.	<i>\$</i> **
		(excluding rock) in trenches and				
		plinth side of foundation etc. in				
3	2	layers not exceeding 20cm. thick in				
		depth consolidating each deposited				
		layer by ramming and watering lead.				Rs. Fifty seven and paise
			269.068	cu.m	57.80	eighty only.
		Suppliying and filling in plinth with			in the second of	
		local sand and under floots				
4	2	including watering, ramming				
		consolidating and dressing				Rs. One hundred eighty
		complete.	239.341	cu.m	186.30	six and paise thirty only.
-		Providing designation 100A one			particular .	
1		brick flat soling joints filled with		,		
5	12	local sand including cost of watering				
)	12	texes royalty all complete as per				Rs. Two hundred
		building specification and direction				twenIve and paise ninety
		of E/I.	333.343	sq.m	212.900	only.
		Providing and laying in position	pierro.		in the state of th	
		cement concrete of specified grade				
		excluding the cost of centring and				
6	4.5.8	shuttering- all work upto plinth				
0	4.5.6	level.				
		1:4:8 (Icement: 4 coarse sand : 8	i			Rs. Two thousand two
		graded stone aggregate 40mm	i			hundred forty five and
		nominal size)	13.605	cu.m	2245.10	paise ten only.
		Providing and laying in position	S		· ·	
		cement concrete of specified grade				
		excluding the cost of centring and				
		shuttering- all work upto plinth	1			
7	4.5.5	level. 1:3:6	1			
		(1cement: 3 coarse sand : 6 graded	1			
		stone aggregate 20mm nominal size)				Rs. Two thousand six
						hundred eighty eight and
			11.290	cu.m	2688.70	paise seventy only.

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Chief Engineer

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				NEW 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,				
8	11	shades, except White, Ivory, Grey,				
		Fume Red Brown laid on 20mm				
		thick bed of Cement Mortar 1:4 (1				
		cement: 4 Coarse sand) including		٠		
		pointing the joints with white				
		cement and matching pigments etc.				Rs. Nine hundred twenty
		complete.	20.760	sq.m	922.000	two only.
		Providing and fixing 1st quality	p ^d			
		Ceramic glazed wall tiles			*	
		conforming to IS: 15622 (thickness)		!		
		to be specified by the nufacturer) of				
		approved make in all colours,				
		shades, except burgundy, bottle				
		green, black of any size as approved				
9	11	by Engineer-in-charge in skirting,			*	
9	11	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			2 2 5	
		per sqm including pointing in white				
		cement mixed with pigments of				
		matching shade complete.				Rs. Eigth hundred forty
			105.420	sq.m	844.000	four only.

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Chief Engineer
B.S.E.I.D.C. Ltd, Patna
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			1	2 -		
		40mm thick marble chips flooring,				
		rubbed and polished to granolithic				
		finish, under layer 28mm thick	*			
		cement concrete 1:2:4(1 cement : 2				`
		coarse sand : 4 graded stone				
		aggregate 12.5mm nominal size) and				
		top layer 12mm thick with white,				
		black, chocoloate, grey, yellow or				
10	11.17.2	baroda green marble chips of sizes				
		for 7mm to 10mm nominal size laid				·
		in cement marble powder mix 3:1 (3)		;		
		cement: 1 marble powder mix: 3				
		marble chips) by volume including				
		cement slurry etc. complete.				
		Light shade pigment with white				Rs. Four hundred
		cement				eighteen and paise ten
			276.191	sq.m	418.10	only.
		Providing and fixing glass strips in			a september 1	
,,	11.00.1	joints of terrazo/cement concrete				
11	11.20.1	floors. 40mm wide and				
		4mm thick	1008.692	m	24.00	Rs. Twenty four only.
		40mm thick marble chips flooring,	V		and the same of th	
		rubbed and polished to granolithic				
		finish, under layer 28mm thick				
		cement concrete 1:2:4(1 cement : 2				
		coarse sand : 4 graded stone				
		aggregate 12.5mm nominal size) and				
		top layer 12mm thick with white,				
		black, chocoloate, grey, yellow or				,
12	11.17.0	baroda green marble chips of sizes				
12	11.17.2	for 7mm to 10mm nominal size laid				
		in cement marble powder mix 3:1 (3				
		cement: 1 marble powder mix: 3				
		marble chips) by volume including				
		cement slurry etc. complete.				
		Light shade pigment with white				
		cementstone				Rs. Four hundred
		aggregate				eighteen and paise ten
			31.700	sq.m	418.10	only.

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Chief Engineer
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13	5.1.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing & reinforcement - all work upto plinth level. 1:1:2 (1cement: 1 coarse sand: graded stone aggregate 20mm	18,167	cu,m	5145.40	Rs. Five thousand one hundred forty five and paise forty only.
14	5.2.1	nominal size) 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)	18.770	cu.m	5567.10	Rs. Five thousand five hundred sixty seven and paise ten only.
15	5.3 + 5.44.4 + 5.44.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15, landings, balconiec, shelves, chajjas, lintels, bands, plain window sills, staircasees 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-20 grade RCC instead of M-15 grade RCC) (Extra for Providing M-25 grade R.C.C instead of M-20 grade R.C.C)	96,896	cu.m	4328.22	Rs. Four thousand three hundred twenty eight and paise twenty two only.
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)	· Marine Marine	cu.m	3713.50	Rs. Three thousand seven hundred thirteen and paise fifty only.

Chief Engineer
B.S.E.I.D.C. Ltd, Patna
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17	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)	207.323	cu.m	4092.30	Rs. Four thousand ninety two and paise thirty only.
18	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)	6.630	Sq.m.	500.10	Rs. Five hundred and paise ten only.
19	6.21A	Extra for providing and placing in position 2 nos., 6dia MS bars at every third course of half brik masonry (with F.P.S. brick)	6.630	Sq.m.	68.70	Rs. Sixty eight and paise seventy only.
20	13.13.4	20 mm cement plaster of mix; 1:6 (1 cement: 6 coarse sand)	678.036	sq.m	110.00	Rs. One hundred ten only.
21	13.11.4	12mm thick Cement plaster of mix 1:6 (1 cement : 6 coarse sand)	772.520	sq.m	79.10	Rs. Seventy nine and paise ten only.
22	13.24.2	6mm thick Cement plaster of Ceiling mix 1:4 (1 cement : 4 coarse sand)	311.810	sq.m	68.20	Rs. Sixty eight and paise twenty only.
23	11.4.2 + 11.14	Cement concrete flooring 1:2:4(1 cement:2 coarse:sand:4 graded stone agregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete. 40 mm thick with 20 mm nominal size stone aggregate. Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavemerts etc.		sq.m	224.20	Rs. Two hundred twenty four and paise twenty only.
24	13.82B.2	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacture's specifications including appropriate priming coat, preparation of surface, etc. complete.		54,	221120	Rs. Ninety five and paise

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sq.m

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ten only.

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

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		Distempering with 1st quality washable distemper				
		(ready made) of approved				
		manufacturer and of				
25	13.77A.1	required shade and colour complete.				
		As per				
		manufacture's specifications.				Rs. Twenty eight and
		Two or more coats on new work	1079.290	sq.m	28.70	paise seventy only.
		Applying priming coat with ready	<∵		W.	
		mixed pink or grey primer of				
26	13.81.1	approved brand and manufacture on				
		wood work (hard and softwood)				Rs. Twenty and paise
-		<u> </u>	112.896	sq.m	20.50	fifty only.
		Applying priming coat with ready	1		No.	
77	12.01.2	mixed zinc chromate yellow primer	-			
27	13.81.3	of approved brand and manufacture				De Siytaan and naisa
		on steel galvanized iron/steel work.	68.640	ea m	16.40	Rs. Sixteen and paise forty only.
		Painting with synthetic enamel paint	00.040	sq.m	10.40	Torry Only.
		of approved brand and manufacture				
28	13.93.1	to give an even shade two or more				
		coats on new work	193.060	sq.m	42.00	Rs. Forty two only.
		Structural steel work in singal	G	·	p ^{olic}	
		section fixed without connecting				
29	10.10	plate including				
49	10.10	cutting.hoisting,fixing in position	Î			
		and applying a priming coat of				Rs. Fifty five and paise
		approved steel primer all complete.	298.200	Kg.	55.40	forty only.
		Providing and fixing flush door	and the		Company of the second	1.5
		shutters decorative type core of				
		block board construction with frame				
		of 1st class hard wood and well				
30	9.24.2	matched teak ply veneering with	l			
		vertical grains or cross bands and face vernears on both faces of	l			
		shutters.35mm thick including	l			Rs. Two thousand three
		stainless steel butt hinges with	1			hundred thirty six and
		necessary screws.	51.840	sq.m	2336.40	paise forty only.
		Incoessury serems,	DINTU	1 34.111	1 2330.70	Thaise forth only.

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

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	10.12.1	Providing and fixing glazed steel				·
	+	doors, windows or ventilators of				
	10.13B	standard rolled steel sections, joints				
		mitered and welded with 15x3 mm				
		M.S. lugs10cm 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				
31		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			İ	
		beading of approved shape and section with screws instread of				Rs. Three thousand one
		glaxing clips and met. Sash putty in	(0.(40		2107.50	hundred ninety seven
		steel doors, windows, ventilators and	68.640	sq.m	3197.50	and paise fifty only.

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

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, ,	10.12.1	Providing and fixing glazed steel			, , , , , , , , , , , , , , , , , , , ,	
	+	doors, windows or ventilators of				
	10.13C	standard rolled steel sections, joints				
		mitered and welded with 15x3 mm				
		M.S. lugs10cm 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				
32		required, including providing and				
32		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			Sin .	
		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 instread of				Rs. Three thousand two
		glaxing clips and met. Sash putty in	2 000		2202.20	hundred three and paise
		steel doors, windows, ventilators and	2.880	sq.m	3203.30	thirty only.
	9.82.1	Providing and fixing M.S. grills of	einterfebru.			
		requirement pattern in frames of				
33		windows etc. with M.S. flats square				
	!	or round bars etc all complete fixed to steel windows by welding.				Rs. Eighty three and
		lixed to steel windows by welding.	1258.620	Kgs.	83.90	paise ninety only.
ļ <u>-</u>	5.29	Reinforcement for RCC work	1230.020	Ngs.	03.70	parse fillety offy.
	3.29	including straightening, cutting,	· ·			
34		bending, placing in position and				
		bonding all complete.				0.00
	5.29.7A	TMTC-500 8mm dia	7111.000	KG	67.00	Rs. Sixty seven only.
	5.29.7B	TMTC-500 10mm dia	e de la companie de l		terson	Rs. Sixty five and paise
	3.27.76	111110000 10111111 2111	1600.000	KG	65.70	seventy only.
	5.29.7C	TMTC-500 12mm dia	girin kara kar		Free	Rs. Sixty five and paise
			3556.000	KG	65.10	ten only.
	5.29.7D	TMT-500 16mm dia	No. of Contract of		Ave list extend	Rs. Sixty five and paise
			2667.000	KG	65.70	seventy only.
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Chief Engineer B.S.E.I.D.C. Ltd, Patna

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	5.29.7E	TMT-500 20mm dia	1600.000	KG	65.50	Rs. Sixty five and paise fifty only.
	5 00 7E	TMT-500 25mm dia	1000.000		00.00	Rs. Sixty five and paise
1	5.29.7F	1 W 1 - 300 23 mm dia	1245.000	KĞ	65.50	fifty only.
		Providing & fixing M.S. Fan hook		10	65.50	They omy.
	ĺ	of 16 mm. dia. M.S. bar 1 Mtr.	-		,	
	İ	Long bent to required size and			Į	
1	İ	shape, placed in position and fixed	1		İ	
35	10.19	in Truss Frame / RCC Slab / beam at	i I		İ	
]	10.12	the time of casting all complete as	1			
		per building specification and	1			
		direction of E/I. (Where materials				Rs. One hundred eight
		is not supplied by deptt.)	36.000	Each	108.20	and paise twenty only.
		Providing & fixing hand rail by				
		welding etc. to steel ladder railling	-			,
	İ	& staircases railling including	1	,		
36	10.33.1	applying a priming coat of approved		, 1		
		steel primer.				
		MS tube (medium) 40mm nominal	I I	1	21.60	Rs. Eighty one and paise
		bore.	160,000	kg.	81.60	sixty only.
		Making plinth protection 50mm		1		
		thick of cement concrete 1:3:6 (1	i i	1		
		cement :3 coarse sand : 6 graded stone aggregate 20mm nominal size		1		
37	DSR) over 75mm bad by dry brick	i i	1		
31	4.17	ballast 40mm nominal size well	1 1	1		
		rammend and consolidated and	1	1		Rs. Three hundred
		grouted with fine sand including	1	1		eighty two and paise
		finishing the top smooth.	56.850	sq.m	382.74	seventy four only.
		Centring and shuttering including				
		strutting, propping etc. and removal	!	'		
38	5.14.1	of form for foundation, footings,	1	1		Rs. One hundred thirty
İ		basees of columns etc. for mass	1	1		seven and paise seventy
		concrete.	64.100	Sqm.	137.78	eight only.
		Centring and shuttering including		1		
30	7 1 4 5	strutting, propping etc. and removal				
39	5.14.5	of form for lintel, beams, plinth	1			Rs. One hundred ninety
		beams, griders, bressumers and contilevers.	320.280	Sqm.	195.60	five and paise sixty only.
		Centring and shuttering including		Squii	170,00	11ve and paide disc, c.i.,
		strutting, propping etc. and removal				Rs. Two hundred eighty
40	5.14.6	of form for columns, pillars, piers,	l .			three and paise thirty
	1		1	Sqm.	283.30	only.

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Deliverance	1	9	t-satterials.
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	. ,	Centring and shuttering including				
		strutting, propping etc. and removal				
41	5.14.3	of form for suspended floors, roofs,				Rs. Two hundred twenty
		landings, balconies and access				nine and paise eighty
		platform.	339.560	Sqm.	229.80	only.
42	· · · · · · · · · · · · · · · · · · ·	CARRIAGE OF MATERIALS				0.00
						Rs. One hundred ninety
	1	Cement	82.043	MT	199.48	nine and paise forty
						eight only.
						Rs. One thousand one
	2	Sand	160.398	cum	1168.85	hundred sixty eight and
						paise eighty five only.
						Rs. One hundred ninety
•	3	Local Sand	247.797	cum	192.30	two and paise thirty
						only.
						·
	4	Stone Chips	143.201	cum	510.98	Rs. Five hundred ten and
		·				paise ninety eight only.
						Rs. Five hundred sixty
	5	Brick	204.283	Thous.	562.93	two and paise ninety
						three only.
						Rs. One hundred ninety
	6	Steel	17.872	MT	199.48	nine and paise forty
						eight only.
		Wiring for light point /fan point /				
		exhaust fan point / call bell point				
		with 1.5 sq.mm FR PVC insulated				
		copper conductor single core cable				
		in surface / recessed medium class				
	1.8	PVC conduit, with piano type				
		switch, phenolic laminated sheet,				
		suitable size M.S. box and earthing	li .			
		the point with 1.5 sq.mm. FR PVC				
		insulated copper conductor single				
43		core cable etc. as required.				
		Group C				Rs. Six hundred twenty
	1.8.3					five and paise nineteen
			75	Nos.	625.19	only.
·			***************************************			

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		Wiring for twin control light point				
		with 1.5 sq.mm FR PVC insulated				
		copper conductor single core cable				
		in surface / recessed medium class				
	, , ,	PVC conduit, 2 way modular				
	1.11	switch, modular plate, suitable GI.				
		Box and earthing the point with 1.5				
		sq. mm. FR PVC insulated copper				Rs. Seven hundred
		conductor single core cable etc as				seventeen and paise ten
44		required.	2	Point	717.10	only.
		Wiring for light/ power plug with	pullur marine		Victoria La Cara	
		2x4 sq.mm FR PVC insulated				
		copper conductor single core cable				
	1 10	in surface/ recessed medium class				
	1.12	PVC conduit along with 1 No 4 sq.				
		mm FR PVC insulated copper				Rs. One hundred sixty
		conductor single core cable for loop				three and paise sixty two
45		earthing as required.	300	mtr.	163.62	only.
		Wiring for circuit / submain wiring	Marie and a second and a		Name of the Control o	
		alongwith earth wire with the				
		following sizes of FR PVC insulated				,
	1.14	copper conductor, single core cable				
		in surface / recessed medium class				
		PVC conduit as required.			:	
46		·				
		$2 \times 4 \text{ sq.mm} + 1 \times 4 \text{ sq. mm}$ earth				Rs. One hundred sixty
	1.14.3	wire				three and paise sixty two
			200	mtr.	163.62	only.
	1042	15/16 amp switch	ngsister."		1	Rs. One hundred ten and
	1.24.3		4	Each	110.09	paise nine only.
		Supplying and fixing following	Mark and		1	
		modular switch/ socket on the			:	
	1.04	existing modular plate & switch box				
	1.24	including connections but excluding				
		modular plate etc. as required.			`	
47						
	1 24 4	3 pin 5/6 amp socket outlet.				Rs. Ninety six and paise
	1.24.4		16	Each	96.96	ninety six only.

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48	1.30	Supplying and fixing metal box of 180mm x 100mm x 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	4	Nos.	227.25	Rs. Two hundred twenty seven and paise twenty five only.
49	2.8	Supplying and fixing following way prewired vertical type TP&N MCB distribution board of steel sheet for 415 volts on surface / recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size of FR PVC insulated copper conductor for upto the terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
	2.8.1	4 way (4 + 12), Single door	2	Each	5,600.45	Rs. Five thousand six hundred and paise forty five only.
50	3.2	Supplying, installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on exinsing rising mains complete with PPN disconnector FSU AND HRC fuses, connections, earthing etc as required.				
	3.2.2	32 amps TPN	1	Each	5,974.15	Rs. Five thousand nine hundred seventy four and paise fifteen only.

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			_ 2	2-		
51	3.2	Supplying, installing, testing and commissioning of following capacity TPN tap off box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on exinsing rising mains complete with PPN disconnector FSU AND HRC fuses, connections, earthing etc as required.				
	3.2.4	100 amps TPN	1	Each	7,725.49	Rs. Seven thousand seven hundred twenty five and paise forty nine only.
52	5.6	Earthing with copper earth plate 600mm x 600mm x 3mm thick including accessories, and providing masonary enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal / coke and salt as required.	1	Nos.	8,644.59	Rs. Eight thousand six hundred forty four and paise fifty nine only.
53	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.	e ^r			
	7.1.1	Upto 35 sq.mm.	100	mtr.	168.67	Rs. One hundred sixty eight and paise sixty seven only./
54	1708	6 amps. To 32 amps. Ratings, DP MCB, "C" curve, 10 KA breaking capacity	16	Each	307.55	Rs. Thre hundred seven and paise fifty five only.
55	1710	6 amps. To 32 amps. Ratings, TPN MCB, "C" curve, 10 KA breaking capacity	4	Each	607.14	Rs. Six hundred seven and paise fourteen only.
56	1127 JSR. 2011	35.0 Sq.mm. ISI Marked, PVC insulated, single core Alluminium conductor cable.	100	mtr.	31.39	Rs. Thirty one and paise thirty nine only.
57	2121	Brass compression gland for (32mm) 3.5 x 25 sq. mm 1.1 KV grade cable.	1	set.	114.01	Rs. One hundred fourteen and paie one only.

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2349	Straight through cable jointing kit with cast resin compound with			Rs. Nine hundred seventy two and paise
	l l	1	set.	972.48 forty eight only.
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.			Rs. One hundred ninety nine and paise sixty
12.78.2		36	MIS	199.60 only.
D.S.R 17.1.1	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 munally 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		Each	Rs. Three thousand two hundred ninety seven and paise ninety only.
D.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		Each	Rs. Three thousand one hundred ninety three an 3,193.17 paise seventeen only.
	B.S.R 12.78 12.78.2 D.S.R 17.1.1	with cast resin compound with ferrules for 3.5 x 25 sq.mm. 1.1 KV grade cable. Providing and fixing on wall face unplastidsed PVC (working pressure 4 kgf per sqm) rain water pipes cinforming to 1S:4985 including jointing with seal ring conforming to 1S:5382 leaving 10 mm gap for thermal expansion. 12.78.2 110 mm diameter. Providing and fixining 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 munally controlled device (handle level) conforming to 1S: 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. 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 1S: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:	with cast resin compound with ferrules for 3.5 x 25 sq.mm. 1.1 KV grade cable. Providing and fixing on wall face unplastidsed PVC (working pressure 4 kgf per sqm) rain water pipes cinforming to 1S:4985 including jointing with seal ring conforming to 1S:5382 leaving 10 mm gap for thermal expansion. 12.78.2 110 mm diameter. Providing and fixining 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 munally controlled device (handle level) conforming to 1S: 7231 Parryware/Hindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. D.S.R 17.1.1 White Vitreous China Orissa pattern W C pan of size 580 x 440 mm with integral type foot rest. 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 1S: 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	with cast resin compound with ferrules for 3.5 x 25 sq.mm. 1.1 KV grade cable. Providing and fixing on wall face unplastidsed PVC (working pressure 4 kgf per sqm) rain water pipes cinforming to 1S:4985 including jointing with seal ring conforming to 1S:5382 leaving 10 mm gap for thermal expansion. 12.78.2 110 mm diameter. 36 MTS Providing and fixining 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 munally controlled device (handle level) conforming to 1S: 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. 4 Each 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 1S: 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

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		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			,	
	D.S.R	painting of fittings and brackets,				
62	17.7.1	cutting and making good the walls				
		wherever require :				
		White Vitreous China Wash basin				Rs. Two thousand one
		size 630x450 mm with a pair of 15				hundred ninety six and
		mm C.P. brass pillar taps.	4	Each	2,196.40	paise forty only.
		Providing and fixing P.V.C. waste				
	D.S.R	pipe for sink or wash basin			Uzzeleren	
63	17.28	including P.V.C. waste fittings				
		complete.				Rs. Seventy three and
	17.28.2.1	Flexible pipe 32 mm dia	4	Each	73.28	paise twenty eight only.
		Providing and fixing mirror of	grand and		e de la companya del companya de la companya de la companya del companya de la co	
		superior glass (of approved quality)				
	D.S.R 17.32.2	and of required shape and size with				
64		plastic moulded frame of approved				
		make and shade with 6 mm thick				
		hard board backing:				Rs. Seven hundred seven
		Rectangular shape 453 x 357 mm	0	Each	707.30	and paise thirty only.
		Providing and fixing 600 x 120 x 5	profession and profes		150000000000000000000000000000000000000	,
		mm glass shelf with edges round				
	D.S.R	off, supported on anodised				
65	17.33	aluminium angle frame with C.P.				
	17.55	brass brackets and guard rail				Rs. Five hundred twenty
		complete fixed with 40 mm long	_			seven and paise forty
		screws, rawl plugs etc., complete.	0	Each	527.42	two only.
		Providing & fixing soil, waste and	particular and a			
66	D.S.R	vent pipes :				
	17.35.1.2	Centrifugally cast (spun) iron socket				
		& spigot (S & S) pipe as per IS:			0.62.00	Rs. Nine hundred sixty
		3989	25	metre	962.03	two and paise three only.
		Providing and filling the joints with	1944			. /
	D.S.R 17.36.2	spun yarn, cement slurry and cement				
67		mortar 1:2 (1 cement : 2 fine sand)				
		in S.C.I / C.I. Pipes:	1.0		70.00	Rs. Seventy and paise
		100mm dia pipe	10	Each	70.80	eighty only.

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D.S.R 17.43.1.2 D.S.R 17.43.1.2 D.S.R 17.43.1.2 D.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 Description of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete. Rs. Nine hundred for seven and paise for three only. Rs. Nine hundred for seven and paise for three only. Rs. Nine hundred for seven and paise for three only. Rs. Nine hundred for seven and paise for three only. Rs. Nine hundred for seven and paise for three only. Rs. Nine hundred for seven and paise for three only. Rs. Nine hundred for seven and paise for three only.				b			
B.S.R 17.43.1.2 washer 3 mm thick, bolts and nuts complete. Sand cast iron S&S as per IS - 1729 6 Each 628.78 eight only. 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 6 Each 947.43 Rs. Nine hundred for seven and paise for three only. 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	,						
17.43.1.2 washer 3 mm thick, boits and nuts complete. Sand cast iron S&S as per IS - 1729 6 Each 628.78 eight only.	Deb	with access door, insertion rubber					
complete. Sand cast iron S&S as per IS - 1729 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 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	68	68 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 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		17.43.1.2	l · ·				- 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 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			Sand cast iron S&S as per IS - 1729		p 1	600.70	
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 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				6	Each	628.78	eight only.
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 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			1 - 1				
D.S.R 17.60.1.1 vent arm complete, including cost of cutting and making good the walls and floors: Sand cast iron S & S as per IS: 1729 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			1 9				
17.60.1.1 cutting and making good the walls and floors: Sand cast iron S & S as per IS: 1729 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		DCD					
and floors: Sand cast iron S & S as per IS: 1729 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	69		1				
Sand cast iron S & S as per IS: 1729 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		17.00.1.1	1 -				Rs. Nine hundred forty
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			III				seven and paise forty
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				6	Each	947.43	
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			Providing and fixing Polyethelene-	4		and the second s	
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			Aluminium-Polyethelene (PE-AL-				
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			PE) Composite Pressure Pipes				
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		•					
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			1				
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			· · · · · · · · · · · · · · · · · · ·				
18.3.2 all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers			1				
material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers							
and brass inserts wherever required) e.g. elbows, tees, reducers, couplers	70	18.3.2					
e.g. elbows, tees, reducers, couplers			` `				
			1				
refilling and testing of joints			· · ·				
			1			.	Rs. Two hundred forty
							five and paise eighty
1620 (20mm OD) pipe 30 metre 245.88 eight only.			1620 (20mm OD) pipe	30	metre	245.88	eight only.

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

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ì		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				
71	D.S.R	includes joining of pipes & fittings				
71	18.8.1	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				Rs. Two hundred fifty
		chases and making good the wall				seven and paise fifty
		etc. 15 mm nominal outer dia Pipes	50	metre	257.50	only.
		Providing and fixing Chlorinated				
		Polyvinyl Chloride (CPVC) pipes,				
		having thermal stability for hot &				
		cold water supply including all				
		CPVC plain & brass threaded				
72	18.9.3	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.	20		205.12	Rs. Two hundred five
		25 mm nominal inner dia Pipes	20	metre	205.13	and paise thirteen only.
		Providing and placing on terrace (at				
		all floor levels) polyethylene water				
	10.10	storage tank ISI :12701 marked with				
73	18.48	cover and suitable locking				
	DSR	arrangement and making necessary				
		holes for inlet, outlet and overflow		,,,,		Rs. Six and paise thirty
		pipes but without fittings and the	1000	per litre	6.36	six only.
		base support for tank. Providing and fixing C.P. brass bib	1000	nuc	0.30	SIA OHLY.
	D.S.R	cock of approved quality				Rs. Four hundred sixty
74	18.49.1	conforming to IS:8931				two and paise ninety
	10.47.1	15 mm nominal bore.	10	Each	462.98	eight only.
		Providing and fixing C.P. brass stop		20011	102170	
	D.S.R	cock (concealed of standard design				
75	18.52	and of approved make conforming				Rs. Six hundred twenty
'	10.52	to IS: 8931				four and paise eighty
1	18.52.1	15 mm nominal bore.	4	Each	624.81	one only.
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Chief Engineer B.S.E.I.D.C. Ltd, Patna

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76	D.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 Contructing brick masonry chamber for	15	metre		Rs. Five hundred forty eight and paise ninety nine only.
77	D.S.R 19.30.1.1	Underground C.I. Inspection Chamber and bend with 75 class designation bricks in cement mortar 1:4 (1 cement: 4 coarse sand) C.I. Cover with frame (light duty) 455x610 mm internal dimentions, total weight of cover with frame to be not less than 38 kg. (weight of cover 23 kg. and weight of frame 15 kg.) RCC top slab with 1:1.5:3 mix (1 cement: 1.5 coarse sand :3 graded stone aggregate 20 mm 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 7.5				Rs. Four thousand five hundred fifty and paise
			3	Each	4,550.05	five only.
78		Constructing brick masonary septic tank As per Detail Estimate.			41301.00	Rs. Seventy one thousand three hundred
			1	Each	71321.00	twenty one only.

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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 D.S.R diameter, 1.8 m long complete as 79 19.32.1 per standard design. Rs. Sixteen thousand With common burnt clay F.P.S. (non eight hundred seventy modular) bricks of class designation 16,872.50 two and paise fifty only. 1 Each Rs. Sixty five thousand Detailed Estimate for construction nine hundred thirty six of 125 mm x 40 mm x 90 mm Tube 80 and paise ninety six well Manual Boring 65936.96 only. Each 5,331,297.45 TOTAL in Rs.

Tender approved in favour of Ranjan Kumar Gajraj Singh @ 8.99% (Eight Decimal Nine Nine Percent) below BOQ rates i.e. total amount comes to Rs. 48,52,013=00 (Rupees Forty Eight Lacs Fifty Two Thousand Thirteen Only)

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5,331,297.00

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Performance Security

Name of Agency – "Ranjan Kumar Gajraj Singh"

Performance Security of "Ranjan Kumar Gajraj Singh" of "Construction Of Science Building is S.N.Sinha College, Tekari, Gaya"

NSC No.	<u>DOI</u>	Reg No.		<u>Amount</u>
79CC 262323	04.11.11	88871	4	1000.00
79CC 262320	04.11.11	88871		1000.00
79CC 262786	15.12.11	6136		1000.00
06EF 309353-55	30.01.12	7074	10000*3	30000.00
06EF 309357-67	30.01.12	7074	10000*11	110000.00
06EF 309369	30.01.12	7074	10000*1	10000.00
08EF 714917-25	28.03.12	8577	10000*9	90000.00

Total 243000.00

(Rupees Two Lacs Forty Three Thousands Only)

लेखा पदाधिकारी बिहार राज्य शेक्षणिक आधारभूत संरचना

विकास निगुम लि०, पटना

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

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बिहार राज्य शैक्षणिक आधारभूत संरचना विकास निगम लिमिटेड

(बिहार सरकार का एक उपक्रम)

शिक्षा भवन, बिहार राष्ट्रभाषा परिषद कैम्पसं, आचार्य शिवपूजन सहाय पथ, सैदपुरं, पटना-800004 (दूरभाष:-0612-2910314)

पत्रांक:- BSEIDC / FIN / 1132 / 2013-14 / -

पटना, दिनांक.....

प्रेषक,

ब्रजेश प्रसाद मुख्य अभियंता

सेवा में.

Ranjan Kumar Gajraj Singh, Sakardas Nawada, P.S.- Wazirganj, Gaya, Bihar.

विषय:— ''एस० एन० सिन्हा कॉलेज, टेकारी, गया में विज्ञान भवन का निर्माण हेतु अग्रधन की राशि जमा कर एकरारनामा करने के संबंध में।

महाशय.

उपर्युक्त विषय के संबंध में कहना है कि उपर्युक्त निविदा हेतु आपके द्वारा निविदित दर जो परिमाण विपन्न के दर से 8.99% (आठ दशमलव नौ नौ प्रतिशत) कम अर्थात कुल राशि रू० 48,52,013/— (अड़तालीस लाख बावन हजार तेरह रूपये) मात्र आपके पक्ष में स्वीकृत किया गया है। अतः निदेश दिया जाता है कि उक्त कार्य के एकरारनामा हेतु रू० 2,43,000/— (दो लाख तेंतालीस हजार रूपये) मात्र का Performance Security जो 3—5 वर्षीय सावधि जमा पास बुक/राष्ट्रीय बचत पत्र के रूप में Managing Director, BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. के नाम से प्रतिज्ञिप्त (Pledged) हो अथवा एकाउंट पेयी डिमांड ड्राफ्ट/फिक्सड डिपोजिट रसीद/बैंक गारंटी, जो राष्ट्रीयकृत बैंक/अनुसूचित बैंक द्वारा निर्गत एवं BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. के पक्ष में पटना में भुगतेय हो, जमा कर एकरारनामा कर लें। साथ ही निदेश दिया जाता है संबंधित कार्यपालक अभियंता एवं सहायक अभियंता से संपर्क स्थापित कर कार्य प्रारम्भ कर दें। कार्य समाप्ति की अवधि 06 (छ:) माह होगी।

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(ब्रजेश प्रसाद) मुख्य अभियंता

ज्ञापांक : BSEIDC/FIN/1132/2013-14/- 25月3

पटना, दिनांक....2.7...०.5 . 14

प्रतिलिपि : कार्यपालक अभियंता / सहायक अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई

हेत् प्रेषित।

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

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SPECIAL CONDITIONS

1. The tenderers are required to deposit the earnest money as prescribed in the NIT.

2. Every page should be signed by the Tenderer. In the event of tender being submitted by a firm, the tender should be signed by the person holding proper power of attorney and the copy of the same should also be submitted.

3. The rates quoted by the contractor should be inclusive of all taxes royalties and other

incidental charges.

4. To qualify for award of work, the Bidder must possess the following :-

a) Legal Status, Place of Registration, Principal place of business & Power of attorney of signatory bid.

b) DD for required value of B.O.Q. Cost.

c) Sufficient Earnest Money Deposit.

- d) Certificate from Charted Accountant of Annual Financial Turn over usually not less than 50 % of the estimated cost of works for which bid has been invited in any one year and to be submitted for last five years as mentioned in Technical bid.
- e) Certificate from EE / Concerned Authority for Work Experience of Similar nature (Satisfactory completed atleast one civil work of value not less than 25 % of estimated value of contract) in last five years and current Financial year will also be considered as mentioned in Technical bid.

f) Litigation History as mentioned in Technical bid.

g) Affidavit as mentioned in Technical bid.

h) Valid Registration with Central/ State Govt. / PSU.i) Valid labour license as mentioned in Technical bid.

j) Valid Character Certificate as mentioned in Technical bid.

k) Affidavit/Certificate for not been debarred as mentioned in Technical bid.

- 5. Contractor should satisfy themselves fully about the nature, site of work before offering their tender and place of any ignorance afterwards shall not be considered.
- 6. The tender without earnest money or insufficient earnest money submitted with the tender, will be outright rejected.

7. Conditional tenders shall be outright rejected.

8. After approval of rates by the competent authority the contractor shall have to deposit the initial security money within 10 days of the receipt of the written work order failing which his tender shall be rejected and earnest money forfeited.

9. Authority shall reserve the right to reject any or all the tenders or distribute the work to more than one contractor without assigning any reason.

10. Any claim for idle labours on any account shall not be entertained.

11. The contractor shall arrange necessary site for accommodation and other facilities like medical etc. For his labour on his own cost and initially will comply with labour rules prevalent in the locality.

12. The contractor shall be solely responsible for any damage occurred at site due to negligence of the labour or other staff and any damage shall be recovered from the

contractor.

- 13. It will be obligatory on the part of the tenderer to keep his tender open for 120 days from the date of opening of tender.
- 14. The contractor shall not be entitled to any claim or compensation on account of any loss suffered by him due to :-

a. Natural calamities

(Seal & Signature of Tenderer)

Page 1 of 2



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

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(Seal & Signature of Tenderer)

Chief Engineer 8.S.E.I.D.C. Lid, Patna

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बिहार राज्य शैक्षणिक आधारभूत संरचेना विकास निगम लिमिटेड

(बिहार सरकार का एक उपक्रम)

शिक्षा भवन, बिहार राष्ट्रभाषा परिषद कैम्पस, आचार्य शिवपुजन सहाय पथ, सैदपुर, पटना-800004 (दूरभाष:-0612-2910314)

निविदा आमंत्रण सूचना संख्या—39 वर्ष 2013—14 प्रतिशत मद दर निविदा

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

ी. बिहार राज्य के अन्तर्गत निम्नांकित कार्य हेतु निविदा आमंत्रित की जाती है। कोई भी संवेदक जो केन्द्रीय/राज्य सरकार/सार्वजनिक क्षेत्रों में निबंधित हो, निविदा में भाग ले सकते हैं परन्तु इस निगम का रजिस्ट्रेशन कराना, उक्त कार्य का लेटर ऑफ एक्सेपटेंस प्राप्त होने के बाद अनिवार्य होगा।

क्र०सं०	कार्य का नाम	प्राक्कलित राशि (रू०में)	अग्रधन का राशि (रू०में)	परिमाण विपत्र का मूल्य(रू०में)	कार्य समाप्ति की अवधि
1.	साईंस कॉलेज, पटना के विभिन्न भवनों (रसायन विभाग, भौतिकी विभाग, जीव विज्ञान विभाग, टीचर्स क्लब एवं गर्ल्स कॉमन रूमं तथा भू—गर्भशास्त्र भवन) का जीर्णोद्धार एवं विद्युतीकरण कार्य।	7,17,39,117/-	14,35,000 / -	26,900 / -	09 (नौ) माह ं
2.	राज्य शिक्षा शोध एवं प्रशिक्षण परिषद्, महेन्द्रु, पटना के प्रांगण में प्रशासनिक भवन के जीर्णोद्धार कार्य।	50,61,571 / -	1,02,000 / -	11,150 / -	04 (चार) माह
3.	जिला शिक्षा एवं प्रशिक्षण संस्थान, विक्रम, पटना के भवनों का जीर्णोद्धार कार्य।	37,34,998 / -	75,000 / -	6,150 / -	04 (चार) माह
4.	राजकीय अध्यापक शिक्षा महाविद्यालय, तुर्की, मुजफ्फरपुर के भवनों का जीर्णोद्धार कार्य।	42,58,700 / -	85,500 /	6,150 / —	04 (चार) माह
5.	बी० एस० कॉलेज, दानापुर, पटना में श्री कुष्ण कला खण्ड का निर्माण कार्य।	42,58,136 / -	85,500 / -	6,150 /	06 (छः) माह
6.	एस० एन० सिन्हा कॉलेज, टेकारी, गया में विज्ञान भवन का निर्माण कार्य।	49,89,542 / -	1,00,000/-	6,150 / -	06 (छः) माह

नोटः-1. निविदाकार एक या अधिक ग्रुप में अलग-अलग निविदा डाल सकते हैं।

2. प्राक्कलित राशि घट या बढ़ सकती है एवं तद्नुसार अग्रधन की राशि घट या बढ़ सकती है।

(2) विज्ञापन निर्गत करने की तिथि

— दिनांक:- 21.01.2014

(3) परिमाण विपत्र प्राप्त करने(डाउनलोड) की अवधि एवं समय

दिनांक— 30.01.2014 से 20.02.2014, 15:00 घटा

(वेबसाईट:www.eproc.bihar.gov.in पर)

(4) प्री बिड मीटिंग का समय, स्थान एंव तिथि

दिनांक:-07.02.2014, 14:30 घंटा प्रबंध निदेशक का

कार्यालय,बिहार राज्य शैक्षणिक आधारभूत

संरचना विकास निगम, पटना।

(5) निविदा प्राप्ति(अपलोड) की अंतिम तिथि एवं समय

दिनांक-21.02.2014, समय- 15:00 घंटा

(6) टेक्निकल बिड खोलने की तिथि एवं समय

दिनांक-24.02.2014, समय- 15:30 घंटा

(वेबसाईट-www.eproc.bihar.gov.inपर)

(7) वित्तीय बिड खोलने की तिथि एवं समय

दिनांक-28.02.2014, समय- 16:00 घंटा

(8) निविदा खोलने का स्थान

:- वेबसाईट-www.eproc.bihar.gov.inपर

(9) निविदा की वैधता की अवधि

- 120 दिन

- (10) ई—टेन्डरिंग की प्रक्रिया में भाग लेने हेतु संवेदकों को पंजीकृत होना होगा, जिससे कि उन्हें उपयोगकर्ता का नाम (user ID) पासवर्ड (Password) अंकीय हस्ताक्षर (Digital Signature) निर्गत की जायेगी। यह उन्हें वेबसाईट www.eproc.bihar.gov.in से डाउनलोड करने / टेन्डर की प्रक्रिया में भाग लेने की योग्यता प्रदान करेगा।
- (11) ई—निविदा पत्र बेवसाईट www.eproc.bihar.gov.in से प्राप्त किया जा सकता है। संवेदक द्वारा सिर्फ उपर्युक्त वेबसाईट से ही परिमाण विपत्र प्राप्त करने के उपरांत वेबसाईट पर ही इलेक्ट्रानिक निविदा पत्र को भरकर भेजना है। अन्य सभी महत्वपूर्ण कागजात / बैंक ड्राफ्ट / अग्रधन की राशि / सभी प्रमाण पत्र जो निविदा के लिए आवश्यक है को स्कैन कर ई—निविदा के साथ संलग्न करना अनिवार्य है।
- (12) परिमाण विपन्न के दर से कम दर उद्धृत करने पर बीड डाक्यूमेंट की शर्तों एवं सरकारी निर्णयानुसार अतिरिक्त Performance Guarantee एकरारनामा के पूर्व जमा करना होगा।

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

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