

Name of Work. → Construction Work of Toilet Blocks
in college of Bihar. (1) Group. No. CT-6

Schedule XLV- Form No. 61.

Name of Agency :- M/s Shiv-Shakti Construction.

BIHAR PUBLIC WORKS DEPARTMENT

Agreement No. :- 65 P2 OF 2012-13
[Form E-2.]

ITEM RATE TENDER AND CONTRACT FOR WORKS

General Rule and Directions for. the guidance of Contractors.

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

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

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

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

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

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

6. Any person who submits a tender shall fill up the usual printed form stating at what rate he is willing to undertake each item of the work. Incomplete tenders and tenders which purport any alteration in the work specified in the said form of invitation to tender, or, which contain any other conditions of any sort or omit to note the time within which the work can be finished, or which are not accompanied by a treasury challan for the required earnest money will be liable to rejection. No single tender shall include more than one work, but, contractors who wish to tender for two or more works shall submit a separate tender for each. Tender shall bear the name of the work to which they refer written outside the envelope. Cash deposits for earnest money here in before maintained shall be made in Government Treasuries and the challan thereof should be enclosed with the tender.

M/s Shiv-Shakti Construction
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

Schedule XLV- Form No. 61.

(2)

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

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

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

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

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

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

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

M/s Shiv Shakti Construction

मनोज कुमार सिंह Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

11 We hereby tender for the execution for the Government of Bihar of the work specified in the under written memorandum at the rates specified therein within a period of cars months from the date of wrillfen order to commence and in accordance in all respects with the specifications desmans drawing. And other documents referred to rule I here of and subject to the annexed conditions of contract and with such conJititins so for as applicable.'

[a] If several sub works are included they should be detailed in a seperate list.

- | | | |
|-----|----------------|-----|
| (a) | Name of work | |
| (b) | Estimated cost | Rs. |
| (c) | Earnest money | Rs. |

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

- (d) Initial security deposit, (including earnest money) to be deposited. before the commencement of the work Rs

- (e) Percentage to be deducted from bills Rs. 5% (Rupees live percent)

- 1cl This percentage
deduction from
bills will be credited (f)
to the contractor's
securities deposit

- | (f) | Time required for the work from date oil \Written order to commence | Month |
|-----|---|-------|
| | | |

- (g) Date of written order to commence

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

Item No.	Item of Work	RATE TENDERED		Per
		In figures	In Words	

[illegible]

Item No.	Item of Work	RATE TENDERED		Per
		In figures	In words	

Item No.	Item of Work	RATE TENDERED		Per
		In figures	In words	

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

Signature of
Contractor before
commission of tender

Dated the _____ day of _____

20
Witness--
Address--
Occupation--

Signature of witness
of contractor
Signature

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

20

Signature of the Officer
accepting the tender

Acceptance communicated on

Signature of the party
taking the tender

CONDITION OF CONTRACT

compensation

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

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

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

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

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

action when
whole security desits
forfeited. ~

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

(b) To employ labour paid by the Public Works Department and to supply materials to carry out the work or any part of the-works, debitting the contraction with the costs of the labour and the price of the materials (of the amount of which cost and price certificate of the Executive Engineer shall be final and conclusive against the contractor) and eneditting 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 cerficate of tHe Executive Engineer as to the value of the work done shall final and conclusive against the contractor.

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

In the event of any ~f trhe above course being adopted by (he Executive Engineer, the contractor shall have no claim to compensation for any losss sustained by him by reson of his have ing purchased or'procured any materials, or entered into any engagement, or made and advances on account of or with a view to executions of the work or-lhe performance of the contract. And in case the contract shall be recinded under the provision aforesaid contraaetor shall not be entitle to recover or be paid any sum for any work there to-Tore actrally 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 there of and be shall only he entitled to be paid the value so certified.

Clause 4- In any casein which any of the-powers, conferred upon the Executive Engineer by clause 3 thereof, shall have become exercisable and he same shall not be exercised, the non-exercise thereof shall not constitute waiver of any of the conditions hereof and such powers shall not with standing be exercisable in the event of any future case of default by the contractor which by any clause or clause hereof he is declared liable to pay compensation amounting to the whole of his security deposit and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the Executive Engineer putting in force the powers vasted in him under the proceeding clause he may if the soldesires take possession of all or any tools, plants materials and store, in orupon the works, or the site thereof belonging to the contractor, or Power to take possession of in required removal to ro sell contractor plant
 Contractor re- move hable to pay compensation (i) action not take under clause -
 Procured by him and intended be used for the execution of the work or any part thereof paying or possession of in required removal to ro sell contractor plant
 allowing for the same in the account at the contract rates or, in case OiThese not being applicable, at current marks rates to! be certified By the Executive Engineer whose certificate thereof shall final otherwise the Executive Engineer may be notice inwritting to the contractor or his clerk or the work foreman or other authorised agent require him to remove such tools plant materials, or storest from the promises (within a time to specified in such notice) and the event ofthe contractor failing to comply with any such requisition- the Executive Engineer may remove them at the contractor's expense or sell them by action or private sale on account of the contractor and at his risk in aii respect, and the certificate of the Executive Engineer as to the expense of any such removal and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor.

Clause 5 - If the contractor shall desire and extension of the time for completion of the work, on the ground of his having been unavoidable hindered in its execution or on any other ground, other than those mentioned in clause, 12 (a) he shall apply in writting : to the Executive Engineer within 60 days from the date of starting ofthe hinderence on account of which he desires SU such extension aforesaid, and the Executive Engineer shall; if in his opinion (which shall be final) geasonable grounds be shown therefore, authorise.

Extention of time

मनोज कुमार सिंह
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure

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

Final Certificate

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

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

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

Stores supplied Government

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

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

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

मनोज कुमार अधिकारी

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

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

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

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

Alteration specifications or designation

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

Do not invalidate contract

Time is of alteration

Rates for works estimate schedule rates of district

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

मनीष कुमार सिंह

Proprietor

Chief Consultant (Technical)

Bihar State Educational Infrastructure Development Corporation Ltd., Patna

Compensation for
alteration in or
resti fication of work to
~ carried out

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

Action and com-

pensation payable in
'case of work

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

(i) natural calamities, (ii) act of anamies. (iii) transport and proearem at difficulties or (iv) circumstances beyond the control of the State Government.

In case of such failure or delay in the supply of materials or stores, on an application by the contractor within 30 days from the of such failure or delay, such extent ion of time shall be granted to the contractor for completion of the works as shall appears to the Engineer to be reasonable in accordance with, the circumstance of the case. Hie decision of the Ex -ecutive Engineer as to the extention of time shall be accepted as final by the contractor.

Work to be taken to
inspection

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

Contractor or
responsible Agents to
be preent

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

Notice to be taken
before work covered
up,

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

Contractor liable fo-
damage done and for
imperfection a months
after certificate,

Clause 16- If the contractor or his work people; or servants shall break deface, injure or destroy any part of a. building in which they may be working or any building, road, road curbs fencer, elosure waterpipes, cables drains, electric or telephone posts or wires, trees, grass or grassland or cultivated ground continous to the premises on which the work or any part of it is ie execute dignadn or if any damage shall happened to the work, whid.e in progress, from any cause whatever or any imperfection

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

मनोज कुमार सिंह
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

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

Clause. 17 - The contractor shall supply at his own cost all materials (except such special materials if any as may in accordance with the specification be supplied from the Engineer - in - charge's stores) plant, tools appliances implements ladders cordage tankle scaffolding and temporary works requisite or proper for the proper execution of the work whether original altered or substituted and whether included in the specifications or other documents forming part of the contract referred to in these conditions or not or which may be necessary; of for the purpose of satisfy him or complying with the requirement of the Engineer - in - charge as to any matter as to which under these conditions he is entitled to be satisfied which he is entitled to require together with carriage therefore: to And if on the work the contract shall also supply without charge the requisite number of persons with the means and materials" necessary for the purpose of setting out works and counting weighting and assisting in the measurement of examination at any time and from time to time of the work of materials. Failing his so doing the same may be provided by the Engineer-in -charge at the expense of the contractor and the expenses may be deducted from any money due to the contractor under the contract from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof The contractor shall also provide all necessary fencing and light required to protect the public [from accident and shall be bound to bear the expense of defence of every suit, action or other proceeding at law that may be brought by any person for injury sustained owing to neglect of above precautions and to pay any damages and, costs, which may be avoided in any such suit action proceedings to any such person of which may with the consent of the contractor ... be paid to compromise, any claim by any such person.

Contractor
supply plant ladder
scaffoldings etc.

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

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

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

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

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

Clause 19- The contract shall not be assigned or subject without the written approval of the Executive Engineer. And if the contractor shall assign or subject his contract or attempt so to do or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt so to do; or if any gratuity, gift loan, perquisite reward or advantage pecuniary or otherwise shall either directly or indirectly be given, promised or offered by the contractor or any of his servants or 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 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

Work not to subject

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

मनोज कुमार
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

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

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

Sum payable by way of compenstaion to be considered as resonable compenstion without referreuce to actual loss

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

Changes in constitution of firm

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

Works to be under direction of superintending Engineer

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

Lumpsums in estimates

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

Action where no specification

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

Definition of works

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

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

Witness

Contractor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

M/s Shiv Shakti Constructi

मनोज कुमार सिंह

Schedule XLV- Form No. 61.

(15)

Schedule showing (approximately) materials to be supplied. If available the rates of which they are to be charged for and places at which they are to be supplied

Particulars	Rate at which the materials will be charged to the contractors			Place of delivery										
	Units	Rs.	P.											
<p><i>General Rule and Directions for the guidance of Contractors.</i></p> <p>1. All work proposed for execution by contract will be notified in a form of invitation to tender issued on a board hung up in the office of and signed by the Subdivisional Officer, Executive Engineer.</p> <p>This notice will state the work to be carried out the items and approximate quantities thereof as well as the date for submitting and opening tenders, also the amount of earnest money to be deposited and the amount of the security deposit to be deposited by the successful tenderer and the percentages, if any, to be deducted from bills. Copies of the specifications, design and drawings and any other documents required in connection with the submission of tender signed for this purpose of authentication by the Subdivisional Officer/Executive Engineer shall also be open for inspection by the contractor at the office of the Subdivisional Officer/Executive Engineer during office hours.</p> <p>2. In the event of the tender being submitted by a firm, it must be signed separately by each member of the firm, or, in the event of absence of any partner, it must be signed by a person holding as a power of attorney authorising him to do so.</p> <p>Receipts for payments made on account of work when executed by firm must also be signed by the several partners except where the contractors are described in their tender as a firm in which case the receipt must be affixed in the name of the firm by one of the partners, or by some other person having authority to give effectual receipts for the firm.</p> <p>3. The memorandum of work tendered for and the memorandum of materials to be supplied by the Public Works Department and their issue rates shall be filled in and completed in the office of the Subdivisional Officer/Executive Engineer before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and completed, he shall request the office to have this done before he completes and delivers his tender.</p> <p>4. The amount of earnest money to be deposited will be</p> <table><tr><td>If the amount of the estimate does not exceed Rs. 2,000</td><td>Rs.</td></tr><tr><td>50</td><td></td></tr><tr><td>If the amount of the estimate exceeds Rs. 2,000 but does not exceed Rs. 5,000</td><td>100</td></tr><tr><td>If the amount of the estimate exceeds Rs. 5,000 but does not exceed Rs. 10,000</td><td>200</td></tr><tr><td>For each additional Rs. 1,000 or portion of Rs. 1,000 additional earnest money</td><td>100</td></tr></table> <p>5. Any person who submits a tender shall fill up the usual printed form stating at what rate he is willing to undertake each item of the work, to complete tender and tender which purpose any alteration in the work specified in the said form of invitation to tender, or, which contain any other conditions, any sort or omit to note</p>					If the amount of the estimate does not exceed Rs. 2,000	Rs.	50		If the amount of the estimate exceeds Rs. 2,000 but does not exceed Rs. 5,000	100	If the amount of the estimate exceeds Rs. 5,000 but does not exceed Rs. 10,000	200	For each additional Rs. 1,000 or portion of Rs. 1,000 additional earnest money	100
If the amount of the estimate does not exceed Rs. 2,000	Rs.													
50														
If the amount of the estimate exceeds Rs. 2,000 but does not exceed Rs. 5,000	100													
If the amount of the estimate exceeds Rs. 5,000 but does not exceed Rs. 10,000	200													
For each additional Rs. 1,000 or portion of Rs. 1,000 additional earnest money	100													

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 form prior to the submission of the tender.

M/s. Shiv Shakti Construction
(Signature of Contractor)

मनोज कुमार सिंह
Proprietor

(Signature of Executive Engineer)

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

2		2.28	SUPPLY AND FILLING in plinth & Foundation with local sand and under floors including watering, ramming, consolidating and dressing and dressing complete.	8.35	CU.M	135.34	Rs. One hundred thirty five and paise thirty four only.
3		2.29.1	SURFACE DRESSING of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m	0.48	100 SQ.M	478.00	Rs. Four hundred seventy eight only.
4	4.1		4.0 Concrete Work	1.55	CU.M	3270.70	Rs. Three thousand two hundred seventy and paise seventy only.
		4.5	Providing and laying of in position cement concrete of specified grade, excluding the cost of centering and shuttering all work upto plinth level.				
		4.2	4.5.2 1:1:5:3 (1 cement :1.5 coarse sand :3 graded stone aggregate 20mm nominal size)				
	4.3	4.5.6	1:3:6 (1 Cement : 3 Coarse sand : 6 graded stone aggregate 40mm nominal size)	0.92	CU.M	2164.50	Rs. Two thousand one hundred sixty four & paise fifty only.
5			5.0 Reinforced Cement Concrete	1.97	CU.M	3352.60	Rs. Three thousand three hundred fifty two & paise sixty only.
		5.1	Providing and laying of in position, of specified mix of reinforced cement concrete, excluding the cost of centering and shuttering, finishing and reinforcement - all work upto plinth level.				
		5.1.2	1:1½:3 (1 Cement : 1½ Coarse sand : 3 graded stone aggregate 20 mm nominal size) IN FOUNDATION.				
6		5.2	Reinforced cement concrete work in wall (any thickness), including attached pilasters, butresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor v level, excluding costs of centering, shuttering, finishing and				
7		5.3+ 5.44.4	Reinforced cement concrete work in suspended floors & roofs upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone aggregate 20 mm nominal size)	5.35	CU.M	3562.40	Rs. Three thousand five hundred sixty two & paise forty only.
8		5.14	Centering and shuttering including strutting, propping etc. and removal of form for -	31.99	SQ.M.	153.70	Rs. One hundred fifty three & paise seventy only.
		5.14.5	Lintels, beams, plinth beams,-				

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

9		5.25	Providing precast cement concrete jali 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) reinforced with 1.6 mm dia mild steel wire including roughening cleaning, fixing and finishing in cement mortar, 1:3 (1 cement:3 fine sand) etc. complete excluding plastering of the jambs, sills and	3.27	SQM	326.20	Rs. Three hundred twenty six and paise twenty only.
		5.25.2	40 mm thick				
10		5.29	Reinforcement for RCC work including straightening, cutting bending, placing in position and binding all complete.	491.78	Kg	61.60	Rs. Sixty one & paise sixty only.
		5.29.7A	Thermo- Mechanically Treated bars TMTC-500- 8mm dia.				
11			6.0 Brick Work (A)	7.63	CU.M	2920.7	Rs. Two thousand nine hundred twenty and paise seventy only.
		6.1 A	Brick work with bricks of class of class designation 100 A in foundations and plinth in :				
		6.1.14A	Cement mortar 1: 6 (1 cement : 6 coarse sand)				
12	12.1	6.1 A	Brick work with bricks of class of class designation 100 A in superstructure upto floor V level in :	15.18	CU. M	3201.10	Rs. Three thousand two hundred one & paise ten only.
		6.1.14 A+6.3A	Cement mortar 1: 6 (1 cement : 6 coarse sand)				
	12.2	6.18.4A	Cement mortar 1: 4 (1 cement : 4 coarse sand)	3.41	SQ.M	362.80	Rs. Three hundred sixty two and paise eighty only.
	12.3	6.18.4A+ 6.19A	Cement mortar 1: 4 (1 cement : 4 coarse sand)	16.28	SQ.M.	393.70	Rs. Three hundred ninety three & paise seventy only
13		10.7	10.0 Steel Work	16.59	SQ.M.	1904.30	Rs. One thousand nine hundred four & paise thirty only
			Providing and fixing 1 mm thick M.S. sheet door & window with frame of 40X40X6 mm angle iron and 3 mm gusset plates at the junction and corners all necessary fittings complete including applying a priming coat of approved steel primer.				
14			11.0 Flooring	19.75	SQM	174.50	Rs. One hundred seventy four and paise fifty only.
		11.4	Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete.				
		11.4.2	40 mm thick with 20 mm nominal size stone aggregate.				

मनीष कुमार
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

	25.2	23.2.6	63 cm (25) UNDER REAM making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (Vide classification of soil item-A) true to plumb and without iccentric city in may stage of operation and disposal of the excavated earth up to 50 mts. lead in eluding all lifts. All complete as per approved design and direction of (E/I)	10.00	Each	63.80	Rs. Sixty three & paise eighty only.
26		D.S.R 17.1.1	Sanitary Works Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S tap, 10 litre low white P.V.C. Flushing cistern with 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.	4.00	Each	2964.10	Rs. Two thousand nine hundred sixty four & paise ten only.
			White Vitreous China Orissa pattern W C pan of size 580 X 440 mm with integral type foot rest.				
27		DSR 17.4	Fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	1.00	Each	6229.90	Rs. Six thousand two hundred twenty nine and paise ninety only.
		DSR 17.4.3	Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern.				
28		DSR 17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :	2.00	Each	1315.35	Rs. One thousand three hundred fifteen and paise thirty five only.
		DSR 17.7.6	White Vitreous China Angle back wash basin size 400x400 mm with single 15 mm C.P brass pillar tap				

समीक्षा कृत
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

29		DSR 18.10.	Providing and fixing G.I.pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				
30	30.1	DSR 18.10.1	15 mm nominal bore	6.10	metre	161.60	Rs. One hundred sixty one and paise sixty only.
	30.2	DSR 18.10.2	20 mm nominal bore	12.20	metre	188.05	Rs. One hundred eighty eight and paise five only.
	30.3	DSR 18.10.3	25 mm nominal bore	6.10	metre	243.15	Rs. Two hundred forty three and paise fifteen only.
	30.4	DSR 18.10.4	32 mm nominal	6.10	metre	296.50	Rs. Two hundred ninety six and paise fifty only.
31		DSR 18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Per litre	6.10	Rs. Six and paise ten only.
32		DSR 18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931				Rs. Three hundred ninety seven and paise fifty only.
			15 mm nominal bore.	7.00	Each	397.50	
33		DSR 17.24	Fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	3.00	EACH	1537.85	Rs. One thousand five hundred thirty seven and paise eighty five only.
34	34.1	DSR 17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
		DSR 17.28.2	Flexible pipe				
		DSR 17.28.2.1	32 mm dia	2.00	Each	65.30	Rs. Sixty five and paise thirty only.
	34.2	DSR 17.28.2.2	40 mm dia	1.00	Each	72.18	Rs. Seventy two and paise eighteen only.
35		DSR 18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
		DSR 18.17.1	25 mm nominal bore	1.00	each	372.95	Rs. Three hundred seventy two and paise ninety five only.
36		DSR 18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
		18.52.1	15 mm nominal bore.	5.00	Each	426.55	Rs. Four hundred twenty six and paise fifty five only.

मनीष कुमार सिंह
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

37	37.1	12.78	Providing and fixing on wall face unplastidised PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS : 4985 including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.				
		12.78.1	75 mm diameter	12.20	MTS	106.35	Rs. One hundred six and paise thirty five only.
	37.2	12.78.2	110 mm diameter	12.20	MTS	188.40	Rs. One hundred eighty eight and paise forty only.
38	38.1	12.79	Providing and fixing PVC pipe fittings with all accessories				Rs. One hundred fifty one & paise twenty five only
		12.79.5.2	1) 110mm Plain bend PVC	4.00	Each	151.25	Rs. One hundred fifty one & paise twenty five only
	38.2	12.79.4.2	3) 110mm door tee PVC	4.00	EACH	242.30	Rs. One hundred forty two and paise thirty only.
39		NS	Providing Bore well, Hand Pump and Motorised equipment to supply water in storage tank all complete item.	1.00	Each	40000.00	Rs. Forty thousand only.
40			Internal Electrification Work				
		1.1	Wiring for light point/fan point/exhaust fan point/ call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitbale size PVC/ G.I box etc. as required.				
		1.1.3	Group C	20	Each	469.00	Rs. Four hundred sixty nine only.
41		1.7	Wiring for circuit/ sub main wiring along with earth wire with the following size of PVC insulated, copper conductor, single core cable in surface/ recessed PVC conduit as				
		1.7.1	2x1.5 sq. mm + 1x1.5 sq. mm earth wire.	70	Rmt	97.00	Rs. Ninety seven only.
42		1.21	S/F PVC conduit :- Supplying and fixing of following sizes of PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required.				
		1.21.1	20 mm	28	Metre	42.00	Rs. Forty two only.
43		1.34	S/F Batten holder :- Supplying and fixing batten / angle holder including connection etc. as required.	15	Each	28.00	Rs. Twenty eight only
			MISCELLANEOUS WORK				
			CARRAIGE OF MATERIALS				
	44.1		A) LOCAL SAND ,Avg. LEAD - 3 KM.	8.35	CU.M	162.76	Rs. One hundred sixty two and paise seventy six only.

मनीष झा
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

44	44.2	B) COARSE SAND , LEAD : 25.00 KM.	15.31	CU.M	358.92	Rs. Three hundred fifty eight and paise ninety two only.
	44.3	C) STONE CHIPS , LEAD : 114.00 KM.	9.35	CU.M	1197.16	Rs. One thousand one hundred ninety seven and paise sixteen only.
	44.4	D) BRICKS ,Avg. LEAD- = 8 KM.	14.29	THOU SAND	476.50	Rs. Four hundred seventy six and paise
	44.5	E) Cement ,Avg. Lead =5 KM.	127.60	Bags	9.33	Rs. Nine and paise thirty three only.
	44.6	F) Steel ,Avg. Lead =5 KM.	0.49	M.T.	186.50	Rs. One hundred eighty six and paise fifty only.
45		Add extra cost of material for Patna Commissionary w.r.t Gaya as per SOR, BCD		THOU SAND		Rs. Two hundred ten only.
	45.1	Bricks	14.29		157.50	Rs. Fourteen and six paise eighty seven only.
	45.2	Cement	127.60	Bags	6.92	Rs. Fourteen and six paise eighty seven only.
			TOTAL Cost = Rs.			342,787.41
			Add @ 1 % Labour Cess			3,427.87
			TOTAL Cost = Rs.			346,215.28
			Say 'Rs'			346,215

Group No. : CT-6			
S.N.		Name of College	Amount 'RS'
1		H.D.Jain College,Ara	346,215
2		Maharaja College,Ara	346,215
3		J.J.College,Ara	346,215
4		M.M.Mahila Colege,Ara	346,215
5		S.B.College,Ara	346,215
6		D.k.College,Dumraon	346,215
7		M.V.College,Buxar	346,215
8		Sidheshwari Sans.College,Pachrukhiya,Bhojpur	346,215
9		Shiv Prasad Sans.Degree College,Rampur,Buxar	346,215
10		Ramadhin Mishra Bhaskaroday Sanskrit College,Deorahia,Bu	346,215
Total Cost in 'Rs'			3,462,152.82
Say 'Rs'			3,462,153

Tender approved in favour of Shiv Shakti Construction @ 13.0% below BOQ rates i.e. total amount comes to Rs. 30,12,073=00 (Rupees Thirty Lacs Twelve Thousand Seventy Three Only)

शिव शक्ति
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

Bihar State Educational Infrastructure Development Corporation Ltd.**BOQ FOR TOILET BLOCKS IN COLLEGES IN BIHAR****Group No. : CT-6**

S.N	Name of Colleges
1	H.D.Jain College,Ara
2	Maharaja College,Ara
3	J.J.College,Ara
4	M.M.Mahila Colege,Ara
5	S.B.College,Ara
6	D.k.College,Dumraon
7	M.V.College,Buxar
8	Sidheshwari Sans.College,Pachrukhiya,Bhojpur
9	Shiv Prasad Sans.Degree College,Rampur,Buxar
10	Ramadhin Mishra Bhaskaroday Sanskrit College,Deorahia,Buxar

THE ITEM RATES ARE BASED ON BIHAR SCHEDULE OF RATES, BCD, EFFECTIVE FROM
DATED : 15.06.2011 & D.S.R. 2012.

BUILDING WORKS : (Quantity per Toilet Block)							
CIVIL WORKS							
S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
1		2.8	2.0 Earth Work				
			EARTH WORK IN EXCAVATION over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom, lift upto 1.5m including getting out the excavated soil and disposal of surplus soil as directed, within a lead of 50m.				
		2.8.1	ALL KINDS OF SOIL	18.06	CU.M	132.90	2400.17
2		2.28	SUPPLY AND FILLING in plinth & Foundation with local sand and under floors including watering, ramming, consolidating and dressing and dressing complete.	8.35	CU.M	135.34	1130.09
3		2.29.1	SURFACE DRESSING of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m	0.48	100 SQ.M	478.00	229.44
			4.0 Concrete Work				

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

(Seal Signature of Tenderer)

1 of 9

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
4	4.1	4.5	Providing and laying of in position cement concrete of specified grade, excluding the cost of centering and shuttering all work upto plinth level.				
	4.2	4.5.2	1:1:5:3 (1 cement :1.5 coarse sand :3 graded stone aggregate 20mm nominal size)	1.55	CU.M	3270.70	5069.59
	4.3	4.5.6	1:3:6 (1 Cement : 3 Coarse sand : 6 graded stone aggregate 40mm nominal size)	0.92	CU.M	2164.50	1991.34
5			5.0 Reinforced Cement Concrete				
	5.1		Providing and laying of in position, of specified mix of reinforced cement concrete, excluding the cost of centering and shuttering, finishing and reinforcement - all work upto plinth level.				
	5.1.2		1:1½:3 (1 Cement : 1½ Coarse sand : 3 graded stone aggregate 20 mm nominal size) IN FOUNDATION.	1.97	CU.M	3352.60	6604.62
6	5.2		Reinforced cement concrete work in wall (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts, etc. upto floor v level, excluding costs of centering, shuttering, finishing and reinforcement.				
7	5.3+ 5.44.4		Reinforced cement concrete work in suspended floors & roofs upto five level excluding cost of centring, shuttering and finishing and reinforcement with 1:1½:3(1cement: 1½ coarse sand :3 graded stone agreagate 20 mm niminal size)	5.35	CU.M	3562.40	19,058.84
8	5.14		Centering and shuttering including struting, propping etc. and removal of form for -				
	5.14.5		Lintels, beams, plinth beams,-	31.99	SQ.M.	153.70	4,916.86

मनोज कुमार सिंह
Proprietor

(Seal Signature of Tenderer)

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
9		5.25	Providing precast cement concrete jali 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) reinforced with 1.6 mm dia mild steel wire including roughening cleaning, fixing and finishing in cement mortar, 1:3 (1 cement:3 fine sand) etc. complete excluding plastering of the jambs, sills and soffits.				
		5.25.2	40 mm thick	3.27	SQM	326.20	1,066.67
10		5.29	Reinforcement for RCC work including straightening, cutting bending, placing in position and binding all complete.				
		5.29.7A	Thermo- Mechanically Treated bars TMTC-500- 8mm dia.	491.78	Kg	61.60	30,293.65
11			6.0 Brick Work (A)				
		6.1 A	Brick work with bricks of class of class designation 100 A in foundations and plinth in :				
		6.1.14A	Cement mortar 1: 6 (1 cement : 6 coarse sand)	7.63	CU.M	2920.7	22284.94
12	12.1	6.1 A	Brick work with bricks of class of class designation 100 A in superstructure upto floor V level in :				
		6.1.14 A+6.3A	Cement mortar 1: 6 (1 cement : 6 coarse sand)	15.18	CU. M	3201.10	48592.70
	12.2	6.18.4A	Cement mortar 1: 4 (1 cement : 4 coarse sand)	3.41	SQ.M	362.80	1237.15
	12.3	6.18.4A+6.19A	Cement mortar 1: 4 (1 cement : 4 coarse sand)	16.28	SQ.M.	393.70	6409.44
13		10.7	10.0 Steel Work Providing and fixing 1 mm thick M.S. sheet door & window with frame of 40X40X6 mm angle iron and 3 mm gusset plates at the junction and corners all necessary fittings complete including applying a priming coat of approved steel primer.				
				16.59	SQ.M.	1904.30	31,592.34

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

(Seal Signature of Tenderer)

3 of 9

Chief Consultant
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
14		11.4	11.0 Flooring				
			Cement concrete flooring 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, etc. but excluding the cost of nosing of steps etc. complete.				
			11.4.2 40 mm thick with 20 mm nominal size stone aggregate.	19.75	SQM	174.50	3446.38
15		11.72	Providing designation 100 - A, BRICK FLAT SOLING joints filled with local sand including cost of watering,taxes and royalty all complete as per building specification and direction of Engineer Incharge.	33.17	SQ.M	164.40	5,453.15
16		11.76	Providing average 150 mm thick dry remmed Khoa beaten to 112 mm (Compacted with water) made of well burnt or Jhama bricks including ramming properly till compacted thickness is achieved. Curing and carriage of water with all leads, making proper slope and blinding the top with cement mortar, (1: 10) all complete as per building specification and direction of E/1	19.75	SQ.M	226.90	4,481.28
17		13.11.4	Cement Plaster in coarse sand with 12 mm cement plaster 1:6 (1 Cement : 4 Coarse Sand)	94.96	SQ.M.	61.90	5878.02
18		13.24.2	6 mm Cement Plaster to Ceiling of mix - cement plaster 1:4 (1 Cement : 4 Coarse Sand)	19.75	SQ.M.	52.80	1042.80
19		13.26	Neat Cement Punning	39.41	SQ.M	21.8	859.14
20		13.70.1	White washing with lime to give an even shade New work (three or more coats)	114.71	SQ.M	6.80	780.03
21		13.81	Applying priming coat.				
22		13.81.3	With ready mixed zinc chromate yellow primer of approved brand and manufacture on steel galvanised iron/ steel works	37.33	SQM	13.40	500.22

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

 Chief Consultant (Technical)
 Bihar State Educational Infrastructure
 Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
23		13.94	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:				
24		13.94.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	37.33	SQM	63.90	2385.39
25			23.0 Pile Work				
	25.1	23.2.5	Making 25 cm (10") dia bore up to 4 Mtr Depth below ground with hand auger of approved quality in ordinary soil (Vide classification of soil item A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mtr. lead in including all lifts. all complete as per approved design and directions of E/I	30.00	Metre	59.80	1,794.00
	25.2	23.2.6	63 cm (25) UNDER REAM making 63 cm (25) dia under ream at required with hand auger of approved quality in ordinary soil (Vide classification of soil item-A) true to plumb and without eccentricity in any stage of operation and disposal of the excavated earth up to 50 mts. lead in including all lifts. All complete as per approved design and direction of (E/I)	10.00	Each	63.80	638.00
26		D.S.R 17.1.1	Sanitary Works Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S tap, 10 litre low white P.V.C. Flushing cistern with manually controlled device (handle level) conforming to IS:7231 Parryware/ Hindware with all fittings and fixtures complete including cutting and making good the walls and floors wherever required.				

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

(Seal Signature of Tenderer)

5 of 9


 Chief Consultant (Technical)
 Bihar State Educational Infrastructure
 Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
			White Vitreous China Orissa pattern W C pan of size 580 X 440 mm with integral type foot rest.	4.00	Each	2964.10	11856.40
27		DSR 17.4	Fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
		DSR 17.4.3	Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern.	1.00	Each	6229.90	6229.90
28		DSR 17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :				
		DSR 17.7.6	White Vitreous China Angle back wash basin size 400x400 mm with single 15 mm C.P brass pillar tap	2.00	Each	1315.35	2630.70
29		DSR 18.10.	Providing and fixing G.I.pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				
30	30.1	DSR 18.10.1	15 mm nominal bore	6.10	metre	161.60	985.76
	30.2	DSR 18.10.2	20 mm nominal bore	12.20	metre	188.05	2294.21
	30.3	DSR 18.10.3	25 mm nominal bore	6.10	metre	243.15	1483.22
	30.4	DSR 18.10.4	32 mm nominal	6.10	metre	296.50	1808.65

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

(Seal Signature of Tenderer)

6 of 9


 Chief Consultant (Technical)
 Bihar State Educational Infrastructure
 Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
31		DSR 18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	500.00	Per litre	6.10	3050.00
32		DSR 18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore.	7.00	Each	397.50	2782.50
33		DSR 17.24	Fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	3.00	EACH	1537.85	4613.55
34	34.1	DSR 17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
		DSR 17.28.2	Flexible pipe				
		DSR 17.28.2.1	32 mm dia	2.00	Each	65.30	130.60
	34.2	DSR 17.28.2.2	40 mm dia	1.00	Each	72.18	72.18
35		DSR 18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
		DSR 18.17.1	25 mm nominal bore	1.00	each	372.95	372.95
36		DSR 18.52	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
		18.52.1	15 mm nominal bore.	5.00	Each	426.55	2132.75
37	37.1	12.78	Providing and fixing on wall face unplasticised PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS : 4985 including jointing with seal ring conforming to				
		12.78.1	75 mm diameter	12.20	MTS	106.35	1297.47
	37.2	12.78.2	110 mm diameter	12.20	MTS	188.40	2298.48

M/s Shiv Shakti Construction

(Seal Signature of Tenderer)

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
38	38.1	12.79	Providing and fixing PVC pipe fittings with all accessories				
		12.79.5.2	1) 110mm Plain bend PVC	4.00	Each	151.25	605.00
	38.2	12.79.4.2	3) 110mm door tee PVC	4.00	EACH	242.30	969.20
39		NS	Providing Bore well, Hand Pump and Motorised equipment to supply water in storage tank all complete item.	1.00	Each	40000.00	40000.00
40		1.1	Internal Electrification Work Wiring for light point/fan point/exhaust fan point/ call bell point with 1.5 sq. mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitbale size PVC/ G.I box etc. as required.				
		1.1.3	Group C	20	Each	469.00	9,380.00
41		1.7	Wiring for circuit/ sub main wiring along with earth wire with the following size of PVC insulated, copper conductor, single core cable in surface/ recessed PVC conduit as required.				
		1.7.1	2x1.5 sq. mm + 1x1.5 sq. mm earth wire.	70	Rmt	97.00	6790.00
42		1.21	S/F PVC conduit :- Supplying and fixing of following sizes of PVC conduit along with accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required.				
		1.21.1	20 mm	28	Metre	42.00	1176.00
43		1.34	S/F Batten holder :- Supplying and fixing batten / angle holder including connection etc. as required.	15	Each	28.00	420.00
			MISCELLANEOUS WORK				
			CARRAIGE OF MATERIALS				
44.1			A) LOCAL SAND ,Avg. LEAD - 3 KM.	8.35	CU.M	162.76	1359.05

महेश कुमार
Proprietor

Chief Consultant (18/11/24)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

S. N	Sub N.	SOR Ref.N.	DESCRIPTION	Quantity	Unit	Rate	Amount
44	44.2		B) COARSE SAND , LEAD : 25.00 KM.	15.31	CU.M	358.92	5495.07
	44.3		C) STONE CHIPS , LEAD : 114.00 KM.	9.35	CU.M	1197.16	11193.45
	44.4		D) BRICKS ,Avg. LEAD- = 8 KM.	14.29	THOUS AND	476.50	6809.19
	44.5		E) Cement ,Avg. Lead =5 KM.	127.60	Bags	9.33	1189.87
	44.6		F) Steel ,Avg. Lead =5 KM.	0.49	M.T.	186.50	91.39
45			Add extra cost of material for Patna Commissionary w.r.t Gaya as per SOR, BCD				
	45.1		Bricks	14.29	THOUS AND	157.50	2250.68
	45.2		Cement	127.60	Bags	6.92	882.99

TOTAL Cost = Rs. 3,42,787.41

Add @ 1 % Labour Cess 3,427.87

TOTAL Cost = Rs. 3,46,215.28

Say 'Rs' 3,46,215

Group No. : CT-6

S.N	Name of College	Amount 'RS'
1	H.D.Jain College,Ara	3,46,215
2	Maharaja College,Ara	3,46,215
3	J.J.College,Ara	3,46,215
4	M.M.Mahila Colege,Ara	3,46,215
5	S.B.College,Ara	3,46,215
6	D.k.College,Dumraon	3,46,215
7	M.V.College,Buxar	3,46,215
8	Sidheshwari Sans.College,Pachrukhiya,Bhojpur	3,46,215
9	Shiv Prasad Sans.Degree College,Rampur,Buxar	3,46,215
10	Ramadhin Mishra Bhaskaroday Sanskrit College,Deorahia,Buxar	3,46,215
Total Cost in 'Rs'		34,62,152.82
Say 'Rs'		34,62,153

(Rupees Thirty Four Lacs Sixty Two Thousand One Hundred Fifty Three Only)

M/s Shiv Shakti Construction

महेश कुमार सिंह
Proprietor

 Chief Consultant (Technical)
 Bihar State Educational Infrastructure
 Development Corporation Ltd., Patna

Performance security for CT- 6				
Name Of Agency :- Shiv Shakti Construction				
Sl.No.	BG	Validity	Denomination	Amount
404	PB A/c- 1538419	25.05.2015		70000
458	PB A/c- 1538577	16.06.2015		80800
				150800

M/s Shiv Shakti Construction

मनोज कुमार सिंह
Proprietor

Chief Consultant (Technical)
Bihar State Educational Infrastructure
Development Corporation Ltd., Patna

