

Tender Notice

Sealed Tenders are invited from eligible, interested & Registered Contractors (Registered in appropriate class only) of Govt. of Jharkhand for strengthening of Elementary & Secondary schools of Ranchi (Dept of Education). Interested and eligible Bidders Registered in appropriate class only are requested to submit their proposal latest by 5.00 pm on 04.02.2020 at Jharkhand Education Project, Ranchi, Middle School, BMP-1 Campus, Doranda, Ranchi.

The details of Tender document can be seen and downloaded from website www.dseranchi.com

Sd/-

(Mithilesh Kumar Sinha)
DEO-cum-DPO
Ranchi

Ref. No. NIT No. JEP/CIV/01/2019/⁴⁵..... dated...^{16/01/2020}.....

Copy to: District Public Relation Officer, Ranchi for information & necessary action.

Please publish the notice on^{18/01/2020}..... on local news paper.

(Mithilesh Kumar Sinha)
DEO-cum-DPO
Ranchi

JHARKHAND EDUCATION PROJECT

MS BMP-I. Doranda Campus

Near High Court, Ranchi-834002



**TENDER DOCUMENTS FOR REPAIR OF
GOVERNMENT BASIC SCHOOL, KANKE &
STRENGTHENING OF MODEL SCHOOL NAMKUM,
DISTRICT: RANCHI**

FY. 2019-2020

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Tender documents issued to:

Name of Contractor :.....

Address of Contractor :.....

Document Fees:

Demand Draft No :.....

Date :.....

Amount :.....

Sd/-
Signature of Issuing Authority
District Education Officer-Cum-District
Programme Officer

Check list of Certificates deposited

Tender notice No. : JEP/

dated:.....

1. **Group No.**
2. **Name of Work:** Strengthening of Government Basic School Kanke in Ranchi District of Jharkhand..
3. **Name of Tenderer with Address** :-
.....
.....
Phone No:..... Mobile No:.....
4. **Registration Details**
Registration No.....
Date of issue.....Class.....
Amount of Work to be allotted in registration Category.....
Registration Valid Upto.....
UCAN No.....
5. **Cost of BOQ** : Rs.....,DD No.....date.....
6. **Earnest Money** : BG of Rs:.....
NSC of Rs:.....
Term Deposit of Rs:.....
Total: Rs.....
7. **Income Tax Clearance Certificate** :.....
8. **Sales Tax Clearance No** :.....
9. **GST Registration No** :.....
10. **PAN No** :.....

- 11. Reference of Firm Registration : Proprietor Ship/ Partnership/Pvt Ltd/Ltd Company

- 12. Labour License no & valid up to :.....

- 13. Character Certificate issued by :.....
DC/DM/SP & valid upto

- 14. Time required for completion of work from date of work order as per tender offer:.....

- 15. Reference of any forwarding letter :.....

Certified that information above given by me is true, if any Information / Document is found false, legal action may be taken against me by State Project Director, JEPC, Ranchi.

SIGNATURE OF CONTRACTOR

CHAPTER-I
(Notice Inviting Tender)

Tender Notice No :JEP /1262

Date:.....

Sealed tenders are invited from registered contractors (registered in respective category) of State Govt. of Jharkhand for Repair of Government Basic School Kanke and Strengthening of Model School, Namkum in Ranchi District of Jharkhand. The estimated cost may vary as per approved Bill of Quantithening y.

1. Name of Advertiser : **District Education Officer cum District Programme Officer**
Jharkhand Education Project
MS BMP Doranda Campus, Near High Court
Ranchi, Jharkhand
2. Date & Time of Sale of Bill of Quantity : **18.01.2020 to 03.02.2020 upto 5.00PM**
3. Date & Time of Tender Receipt : **04.02.2020 upto 5.00 PM**
4. Date & Time of Opening of Tender : **05.02.2020 at 02.00 PM**
5. Place of Tender receipt : Jharkhand Education Project.
MS BMP Doranda Camus, Near High Court, Ranchi-2
6. Place of Sale of Bill of Quantity : (A) BOQ can be downloaded from
(a) www.dseranchi.com

(B) **Jharkhand Education Project**
MS BMP Doranda Camus
Near High Court, Ranchi -834002

7. Name of Work:

Group No	Name of Work	Approximate Value of Work (Rs)	Amount of Earnest Money/Bid Security (Rs)	Cost of Document (Rs)	Period of Completion
1	Repair of Government Basic School Kanke of Ranchi District of Jharkhand.	1108554.00	22171.00	2500.00	2 months
2	Providing and Fixing 80mm thick M40 Grade Paver Block in Model School Campus of Namkum of Ranchi District of Jharkhand.	884272.43	17685.00	2500.00	2 months

8. Tenderer should quote rate on overall items (not item-wise) as percentage Below, On Schedule rate or Above (both in figure & words) of the estimated cost.
9. Tenders quoted below 10(ten) % of the amount quoted in Bill of Quantity shall be rejected **ab-initio**.

10. Tenderer are required to submit the sealed Technical and Financial bid in separate envelope. Both Technical and Financial bid will be enclosed in one big sealed envelope.
11. Tender should reach the office of District Education Officer-cum-District Programme Officer, Jharkhand Education Project, MS BMP Doranda Campus, Near High Court, Ranchi-834002 on **04.02.2020 before 5.00 PM**. The Envelope should be properly marked with NIT No, Group No and Name of Work.
12. Technical Bid will be accompanied with cost of document, Earnest money, upto date Registration certificate, Sales Tax Clearance, GST Registration, Income Tax Clearance certificate, Character Certificate issued by DM/DC/SP. In absence of above required document the tender will be rejected. The financial bid will contain Price Bid of the work as mentioned in Para 7 column 4. The Financial Bid will be opened only after technical evaluation has been Completed.
13. District Education Officer-cum-District Programme Officer, Jharkhand Education Project reserves the right to accept or reject the tender received without assigning any reason thereof.
14. The successful tenderer shall have to deposit security deposit @ 5% of estimated cost which will include the amount of earnest money deposited as mentioned in Para 7 column 4. The tenderer will have to also deposit Security money @5% from each running account Bill.
15. The Earnest money of the successful tenderer will be forfeited in case the tenderer decline to sign the agreement within 7 days on being called upon to do so after approval of competent authority.
16. Notice inviting tender with general rules and special conditions will form part of contract documents.
17. Before submitting tender papers tenderer should be acquainted with site conditions and availability of construction materials at the site and get themselves fully satisfied with site condition.
18. Subletting of work will not be allowed and if found so, agreement will be cancelled.
19. The tenderer should fill up the check list and should also mention the page no of documents where the certificate is placed, in absence of this the tender may be rejected.
20. Conditional tender will be outright rejected.
21. Clause 23 of F2 agreement is deleted.

22. No claim will be entertained for delay in payment against work done. Payment will be done as per availability of fund.

Sd/-
DEO-cum-DPO
Ranchi

CHAPTER-II
GENERAL RULES

(a) Sealed tenders in shape of technical and financial bid will be received from eligible registered contractors only of appropriate category by the District Education Officer cum District Programme Officer, JEP, Ranchi or his authorized person for the works mentioned in the table of NIT. The estimated cost may vary as per approved bill of quantity.

(b) Tender paper can be downloaded from (a) www.dseranchi.com or obtained from the office of Jharkhand Education Project, MS BMP Doranda Campus, Near High Court, Ranchi-834002 by those contractors/builders who are registered in appropriate category with building construction department Government of Jharkhand / C P W D/ State Govt. undertaking. The application for issue of Tender Paper from JEPC, Ranchi should enclose the photocopy of their registration.

- 2.2 The Tender Documents should be submitted in a sealed envelope on the date as specified in para 4 of NIT at JEP, Ranchi. The tenders will be opened by District Education Officer cum District Programme Officer, JEP, Ranchi or his authorized representative person on the date and time mentioned above. The tenderers or their authorised agents who-so-ever desire may remain present at the time of opening of the tender.
- 2.3 The Items of works, plans, specifications, or any other information in connection with the work can be seen in the office of JEP, MS BMP Doranda Campus, Near High Court, Ranchi-834002 on any working day during office hour.
- 2.4 Tender Documents download from website must accompany with Bank Draft of requisite amount and should be submitted with technical bid. The requisite amount is mentioned against each work in NIT and it is Non refundable. The bank draft should be in favour of DEO-CUM-DPO, Jharkhand Education Project, Ranchi, payable at Ranchi. Tenders without requisite amount of Cost of Document in the required form shall be rejected.
- 2.5 The tenderers are required to deposit Earnest Money as mentioned against each work. This may be in the form of Bank Guarantee of Nationalized bank issued in favour of DEO-CUM-DPO, Jharkhand Education Project, Ranchi or NSC (8th issue) or pass book of Post Office or Term deposit pledged in favour of DEO-CUM-DPO, Jharkhand Education Project, Ranchi. Tenders without requisite amount of Earnest Money in the required form shall be rejected.
- 2.6 The tenderers should quote their rate on over all items (not item wise) in percentage below or at par or above (both in figures & words) on amount of approved bill of Quantity.
- 2.7 In case of overall rate Quoted by the tender is less by 10% from the approved BOQ rates; the tender will be treated as unworkable and will be rejected abinitio.
- 2.8 It will be obligatory for the tenderer to keep his offer open for acceptance for a period of 90 days from the opening date of the tender.
- 2.9 Sales Tax Clearance certificate, PAN no., Labour License and character certificate issued by D.M./D.C/S.P. shall be submitted by the tenderer. The tenderer will have to submit GST Registration

detail with clearance certificate. All the certificates should be upto-date. The tender in absence of these documents will be rejected.

- 2.10 The DEO-CUM-DPO, Jharkhand Education Project, Ranchi reserves the right to accept or reject any or all of the tenders received without assigning any reason thereof.
- 2.11 If work is awarded to successful tenderers, the amount of Earnest Money will be transferred towards the initial security deposit, which will be 5% of the value of the tendered cost. The initial security deposit will include the amount of earnest money already deposited at the time of submission of tender. The total security deposit will be 10% of which remaining 5% shall be deducted from each running bill.
- 2.12 The earnest money of the successful tenderers will be forfeited in case tenderer declines to execute the agreement or fails to deposit security money as mentioned in Notice Inviting Tender within 7 days of being called upon to do so after the approval of his tender by the Competent Authority.
- 2.13 **The N.I.T. with general rules and special conditions will be part of contract document.**
- 2.14 Conditional tender will not be acceptable and will liable to be reject. The complete tender document with all its enclosures shall be enclosed in sealed envelope and delivered to the State Project Director, J.E.P.C, Ranchi so as to reach on or before the date and time as mentioned in N.I.T. The tender documents received after the date and time as stipulated in N.I.T. shall be rejected.
- 2.15 The tenderer should mention a list of all documents enclosed with the tender in his forwarding letter.
- 2.16 The tender shall contain the full name, address of office and residence and place of business of person or persons filling the tender. In case of any change in address, it must be informed to the State Project Director by registered post. They should give their full detail such as Tel No., Mobile No., e-mail id, Fax, etc.
- 2.17 All pages of tender document including general rules and special conditions must have Signature at the lower left hand corner and wherever required in the tender papers by the tenderer or a person holding power of attorney authorized to sign on behalf of the partners before submission of the tender.
- 2.18 In the event of the tender being submitted by a firm it must be signed by each partner or authorized person by the firm. The power of attorney authorizing him to do so must be enclosed with the tender.
- 2.19 The rates quoted by the tenderer shall be inclusive of income tax, sales tax, Central tax or any other taxes applicable at that time.
- 2.20 The tenderer shall be presumed to have carefully examined the conditions of the contract and specification of the work. The tenderer will also be deemed to have inspected the work site and have satisfied herself/himself/themselves independently as to the nature and extent of all works, e.g. availability of land, road, means of accommodation that may be required for temporary purpose in connection with the contract work, availability of construction materials, location of work site including its climate and other geological characteristics, availability of skilled, semi skilled and un-skilled labourers. The consequence of the lack of necessary knowledge will be at the risk and to cost of tenderer.

- 2.21 Specification as mentioned in Schedule of rate for each item shall be followed during execution of work. Item of works, for which specification in schedule of rate is not available specification provided by engineer in charge will be followed.
- 2.22 The tenderer shall submit a detailed construction programme of the work immediately after award of the work which shall be a part of the agreement. The programme shall be in such form and details as to properly show the sequence of operation and period of time required for completion of work under each item of work within the frame work of his construction programme.
- 2.23 The contractor shall make necessary arrangement for the security of his staff, materials and labourers, service road etc. at site at his own cost. They will have to make arrangement entirely at their own cost for water supply needed for the construction work and he has to make arrangement entirely at his own cost for obtaining supply of Electrical Energy.
- 2.24 All labourers are to be paid as per minimum wages act in force and as revised from time to time during the construction of work. The successful tenderers shall be bound to adhere and follow rigidly the prevailing labour laws or which may come in force even after execution of the contract agreement with regard to the payment to workmen or their wages, compensation for incurring injuries or meeting death while engaged in actual work. Failure on the part of tenderer to fulfill these statutory requirements will empower the DEO-CUM-DPO, Jharkhand Education Project, Ranchi to rescind the agreement and make good from the bills and other dues of the Tenderers. DEO-CUM-DPO, Jharkhand Education Project, Ranchi may enforce other penal action also against the tenderer.
- 2.25 The contractor will provide labour huts, drinking water and medical facilities to labourers at site and keep the site clean at his own cost.
- 2.26 After issue of written order to the selected tenderer from the State Project Director they have to deposit the balance amount of initial security deposit (ISD) within the specified period of **Seven Days** and then enter into agreement. Agreement will be executed on F2 - form prescribed for public works department.
- 2.27 In case of delay in completing the work the penalty shall be imposed as per PWD Rules.
- 2.28 Any letter issued to the contractor and posted at the address given in the tender document shall be deemed as delivered to the contractor and JEP will not take any responsibility of non deliverance, whatever the reason may be.
- 2.29 Any false representation will lead to disqualification of the contract and legal action will be taken
- 2.30 Completion period of the work will start from the date of issue of work order. The work must be completed in all respect within or on stipulated time.
- 2.31 Financial bid of tenderer who qualifies in technical bid will only be opened. Date & time will be communicated to qualified bidders separately.

**DEO-cum-DPO
Ranchi**

CHAPTER-III
SPECIAL CONDITIONS

- 3.1 A site order book issued by the E/I. shall be kept at the site office and . All entries there in shall be signed by the Engineers and the contractor or his authorized representative. The site order book shall not be removed from the work site except with written permission of E./I. The contractor or his authorized representative shall be bound to take note of all instructions and directions meant for the contractor as entered in the site order book without having to be called on separately to note them.
- 3.2 The contractor should always remain available on the work site, but when it is not possible for him, he must appoint a representative who would be dully authorized by the contractor to receive and carry out instruction of JEP. A copy of authorization letter should be submitted to E/I.
- 3.3 If the royalty clearance certificate for materials used in work is not produced with the bill, royalty will be deducted by the council from the bill of the contractor at the rate prevailing at the time of execution of work to which the bill relates.
- 3.4 All the materials to be used in construction should be of standard specification and conform to Indian Standard including cement of PSC/PPC/33grade/43grade/53grade/National level companies product. Such as Lafarge/ ACC/ L&T etc (Mini Cement Plan's product are not allowed)and HYSD bars conforming IS 1786 of grade FE 415, FE 500. (Product of SAIL, TISCO etc.) The contractor shall provide sufficient plant, equipments and labour as required by E/I and shall work for such hours and shifts as may be necessary to maintain the progress schedule. No extra payment shall be made for this.
- 3.5 Brick to be used in all brick work shall confirm to relevant ISI code specification.
- 3.6 The contractor shall make adequate arrangement for the safety of the labourers during execution of work and shall be guided by the prevailing Labour rules.
- 3.7 The contractor shall have to get tested the strength of cement concrete (both plain & reinforce) for each day's casting as per BIS codes. Achievement of the prescribed cube strength is a must. Concrete having lower value shall be rejected under specific order of the competent authority. The cost of concrete cube moulds curing, carriage of cubes to and from the testing laboratory and all other incidental charges incurred in this regard shall be borne by the contractor.
- 3.8 The contractor shall, if required by the E/I., arrange for testing of materials of a particular portion of work at his own cost to prove their quality, soundness and sufficiency. If the quality of materials appears to be inferior or the portion of work is found to be defective or unsound, the contractor may be asked to remove and/or dismantle and re-execute the same at his own cost. To do so will be mandatory for the contractor.
- 3.9 All rejected materials will have to be removed from site by the contractor after their rejection within three days for which E/I or site incharge should give order in writing. Otherwise E/I or site incharge may dispose them off in any way he thinks fit and also recover the cost from the contractor for such removal .
- 3.10 After completion of work the contractor will remove all debris, fill up vats etc. as per direction of E/I. and leave the site clean and tidy at his own cost.
- 3.11 DEO-CUM-DPO, JEP reserves the right of omitting and stopping the construction or to change design and specification at any stage etc, if considered necessary at subsequent stage.
- 3.12 The following shall not be paid extra and the tendered rates shall be inclusive of these :-
- (i) Site clearance such as cleaning of shrubs, bush, wood under growth and small trees.
 - (ii) Setting out works, profile layout, taking levels etc.
 - (iii) Construction of temporary site office.

- (iv) Bailing out rain water/and or surface water in case the excavated foundation trenches are filled up by these during the period of construction.
 - (v) Making vats, platforms etc.
- 3.13 The contractor has to use his own machinery for completion of the work within the time stipulated in the contract. The carriage of machinery to different sites under this contracts from one place to another for the work will be responsibility of the contractor and all expenses in this regard will be borne by him.
- 3.14 Carriage and running charges of the machineries, if any, including any incidental and contingent charges, transporting the same from place of delivery to the work site and their return to the place of issue shall be borne by the contractor at his own cost.
- 3.15 The cost of fuel and lubricants for the running machinery will be borne by the contractor.
- 3.16 CLAIMS shall not be admissible under following circumstances:-
- (a) Extra items of works done without written order of E/I.
 - (b) In case of sudden fluctuation and/or increase in rates of labour, material, royalty, various taxes, railway freight, fuel, lubricants, carriage cost etc. at any stage of the work.
 - (c) Short supply and/or non-supply of materials and/or equipments.
 - (d) Non availability of labour of any categories required for the work.
 - (e) Delay due to changes or modification in design, drawing, specification, etc. at any stage or work.
 - (f) Loss sustained due to:-
 - (i) Acts of enemy including agitation by public riot.
 - (ii) Transportation and procurement difficulties.
 - (iii) Natural circumstances/calamities.
 - (iv) Any other circumstances which is beyond human control.
- 3.17 The successful Tenderer will have to make arrangement entirely at his own cost for water supply needed for the construction works.
- 3.18 Security money of contractor will be released after three months (Max Six Months) of satisfactory completion and handing over the work. Contractor will be fully responsible regarding the quality and specification of the work.
- 3.19 Defect liability period for the work will be six months from the handing over the building. And any defect found during the defect liability period will have to be rectified by the contractor at his own cost.
- 3.20 No mobilization advance/secured advance shall be paid to the contractor.
- 3.21 Necessary haul roads and roads to water sources connected with the work shall be maintained by the contractor at his own cost.
- 3.22 The various works shall be done true to line, level, and grade. The periodical checking of these by the supervising engineers shall not absolve the contractor of his responsibility regarding their accuracy. In case of any deviation or discrepancy in line, level or grade, the contractor shall have to rectify the same at his own cost and without any compensation for the additional work, if any involved.
- 3.23 The contractor shall be bound to execute any additional work deemed to be part and parcel of the agreed work beyond the agreement, under the specific order of the competent authority.

**DEO-cum-DPO
Ranchi**

CHAPTER - IV
TECHNICAL QUALIFICATION INFORMATION

- 4.1 The tenderer will have to submit their duly audited financial turn over for the last three years preceding from the current financial year. Total turn over during these three financial years should not be less than 2 times of the estimated value of work including turnover of more than estimated value of work during any one year.
- 4.2 Tenderer will have to submit work experience of building construction work for the last three years. They are required to have completed building construction work amounting to at least 90% of estimated value of works during proceeding three years . (Payment certificate to be attached duly issued by competent authority not below the rank of Executive Engineer.)
- 4.3. Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the total bid value. The available bid capacity will be calculated as under:

Assessed Available Bid capacity = (A*N*2-B)

where

A = Maximum value of civil engineering works executed in any one year during the last three years taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which bids are invited.

B = Value of existing commitments and on-going works to be completed during the next 12 months.

Note: The statements showing the value of existing commitments and on-going works as well as the stipulate period of completion remaining for each of the works listed should be countersigned by the engineer in charge, not below the rank of an Executive Engineer or equivalent.

DEO-cum-DPO
Ranchi

CHAPTER - V
SUBMISSION OF TENDER

5.1. **The Submission of tender:** - Envelop containing Technical bid and financial bid will be sealed separately and marked boldly as technical bid /financial bid. Both the envelopes will be sealed in another big envelop marked as specified in Para 5.4 below.

The sealed envelope will be received in the office of the **Jharkhand Education Project, Ranchi, MS BMP Doranda Campus, Near High Court, Ranchi-834002 as specified in NIT.** Offers received in late after such date and time will not be considered.

5.2 **Technical bid** will contain the following documents -

1. Bank draft of as specified in NIT
2. Earnest money in shape as specified in Notice Inviting Tender
3. Photocopy of upto date Registration/Pan card/ Character certificate, Sale tax registration/clearance, labour license, GST Registration/Clearance and Character certificate issued by DM/DC/SP.
4. Information regarding technical work experience as specified in chapter **iv** (4.1 to 4.3)
5. All tender documents either purchased or down loaded excluding price bid (B O Q) .

5.3 **Financial Bid** will contain only Price bid (Chapter –VI) of the work and sealed in one envelope marked as price bid.

5.4 Price Bid enclosed in Technical Bid will be rejected

5.5. Sealing and Marking of Bid:

The bidder shall seal the envelope. The envelope shall be, addressed to:-

DEO-Cum-DPO
Jharkhand Education Project,
MS BMP Doranda Campus, Near High Court, Ranchi-834002

and shall bear the following identification:-

GROUP NO:.....	
TENDER DOCUMENTS	
FOR	
REPAIR OF BASIC SCHOOL KANKE & STRENGTHENING OF MODEL SCHOOL NAMKUM IN RANCHI DISTRICT OF JHARKHAND.	
NIT NO.JEP	Dated:

5.6 If the envelope is not sealed and/or marked as above the JEPC will take no responsibility for the misplacement or premature opening of the bid.

5.7 Opening of Bids:

The tender will be opened by the State Project Director, JEPC, Ranchi or authorized representative in his office at in the presence of tenderers or their authorized representatives who may choose to be present.

**DEO-cum-DPO
Ranchi**

CHAPTER-VI

PRICE-BID

(In case of confusion rates written in words be considered as final)

**To
The DEO-CUM-DPO
Jharkhand Education Project
Ranchi**

**Sub: Price Bid for Group No....., Repair of Basic School Kanke/ Model School
Namkum in Ranchi District of Jharkhand.**

Sir,

I/We quote my/our rate to execute the works as given below:-

(1)%(figure)(word) Percent **below**
on estimated rate as written in the approved bill of quantity.

(2) On the estimated Scheduled rates as written in approved bill of
quantity.

(3)%(figure)(word) Percent
above on estimated rate as written in the approved bill of quantity.

**Signature of Tenderer
Full Address of Contractor**

Chapter VII

GROUP WISE BILL OF QUANTITIES

Bill of Quantity

Group No 1 (Repair of Basic School Kanke)

Group No : 1

Name of Work : Repair of Government Basic School, Kanke of Ranchi District of Jharkhand

S.N	Description of work	No. or Qty.	Unit	Estimated Rate in Rs. P	Total Amount In Figure Rs. P	Amount In Word
Block 1						
1	Dismantling of patent stone flooring -----do----- all complete job	89.20	Sqm	29.35	2,618.02	Two Thousand Six Hundred Eighteen Rupees and Two Paise Only
2	Dismantling of all plaster of ceiling and wall -----do----- all complete job	232.57	Sqm	15.47	3,597.86	Three Thousand Five Hundred Ninety Seven Rupees and Eighty Five Paise Only
3	Taking down old door and window shutter including stacking servicable material -- --do--- all complete job	14.64	Sqm	32.50	475.80	Four Hundred Seventy Five Rupees and Eighty Paise Only
4	Taking down chokhat in door - ---do--- all complete job	3.00	Each	64.74	194.22	One Hundred Ninety Four Rupees and Twenty Two Paise Only
5	Taking down chokhat in window ---do--- complete job	7.00	Each	99.44	696.08	Six Hundred Ninety Six Rupees and Eight Paise Only
6	Dismantling of leak repair of terraced roof with cement and powder application ---do--- all complete job	111.18	Sqm	6.59	732.68	Seven Hundred Thirty Two Rupees and Sixty Seven Paise Only
7	Providing 12 mm thick water proof cement plaster (1:3) with clean coarse sand with 5% cico -----do----- all complete job	111.18	Sqm	148.96	16,561.37	Sixteen Thousand Five Hundred Sixty One Rupees and Thirty Seven Paise Only

8	Providing RCC 150 (1:2:4) in Chajja ---do--- all complete job	2.79	Sqm	960.88	2,680.86	Two Thousand Six Hundred Eighty Rupees and Eighty Five Paise Only
9	S/F/F steel door & window with GCI Sheet 20 gauge ---do--- all complete job	14.64	Sqm	3518.16	51,505.86	Fifty One Thousand Five Hundred Five Rupees and Eighty Six Paise Only
10	S/F/F MS Grill made up of (20 x 6) mm MS Flat ---do--- all complete job	132.77	Kg	73.74	9,790.46	Nine Thousand Seven Hundred Ninety Rupees and Forty Five Paise Only
11	Providing Primer one coat of red lead enamel paint of approved shade ---do--- all complete job	101.02	Sqm	43.75	4,419.63	Four Thousand Four Hundred Nineteen Rupees and Sixty Two Paise Only
12	Providing two coat of synthetic enamel paint approved shade ---do--- all complete job	101.02	Sqm	53.71	5,425.78	Five Thousand Four Hundred Twenty Five Rupees and Seventy Eight Paise Only
13	Providing two coat of colour washing over new surface---do--- all complete job	118.96	Sqm	18.57	2,209.09	Two Thousand Two Hundred Nine Rupees and Eight Paise Only
14	Providing two coat of snowcem ----do---- all complete job	128.25	Sqm	69.77	8,948.00	Eight Thousand Nine Hundred Forty Eight Rupees and Zero Paise Only
15	Providing 25 mm thick PCC (1:2:4) in a roof surface -----do----- all complete job	2.81	Cum	5358.83	15,058.31	Fifteen Thousand Fifty Eight Rupees and Thirty One Paise Only
16	Providing 25 mm thick IPS flooring (1:2:4) ---do--- all complete job	89.20	Sqm	257.98	23,011.82	Twenty Three Thousand Eleven Rupees and Eighty One Paise Only
17	Providing 6 mm thick cement plaster (1:4) in ceiling ----do--- all complete job	89.20	Sqm	136.62	12,186.50	Twelve Thousand One Hundred Eighty Six Rupees and Fifty Paise Only
18	Carriage of material by truck or any other mechanical means with all complete job.					
	Coarse Sand (10 Km.)	4.35	Cum	309.28	1,345.37	One Thousand Three Hundred Forty Five Rupees and Thirty Six Paise Only

	Chips (15 Km.)	5.37	Cum	377.98	2,029.75	Two Thousand Twenty Nine Rupees and Seventy Five Paise Only
BLOCK – 2						
1	Dismantling of patent stone flooring -----do----- all complete job	106.94	Sqm	29.35	3,138.69	Three Thousand One Hundred Thirty Eight Rupees and Sixty Eight Paise Only
2	Dismantling of all plaster of ceiling and wall -----do----- all complete job	235.08	Sqm	15.47	3,636.69	Three Thousand Six Hundred Thirty Six Rupees and Sixty Eight Paise Only
3	Taking down old door and window shutter including stacking servicable material --do--- all complete job	15.06	Sqm	32.50	489.45	Four Hundred Eighty Nine Rupees and Forty Five Paise Only
4	Taking down chokhat in door ---do--- all complete job	4.00	Each	64.74	258.96	Two Hundred Fifty Eight Rupees and Ninety Six Paise Only
5	Taking down chokhat in window ---do--- complete job	4.00	Each	99.44	397.76	Three Hundred Ninety Seven Rupees and Seventy Six Paise Only
6	Dismantling of leak repair of terraced roof with cement and powder application ---do--- all complete job	130.23	Sqm	6.59	858.22	Eight Hundred Fifty Eight Rupees and Twenty One Paise Only
7	Providing 12 mm thick water proof cement plaster (1:3) with clean coarse sand with 5% cico ----do---- all complete job	130.23	Sqm	148.96	19,399.06	Nineteen Thousand Three Hundred Ninety Nine Rupees and Six Paise Only
8	Providing RCC 150 (1:2:4) in Chajja ---do--- all complete job	2.23	Sqm	960.88	2,142.76	Two Thousand One Hundred Forty Two Rupees and Seventy Six Paise Only
9	S/F/F steel door & window with GCI Sheet 20 gauge ---do--- all completer job	15.06	Sqm	3518.16	52,983.49	Fifty Two Thousand Nine Hundred Eighty Three Rupees and Forty Eight Paise Only
10	S/F/F MS Grill made up of (20 x 6) mm MS Flat ---do--- all complete job	101.15	Kg	73.74	7,458.80	Seven Thousand Four Hundred Fifty Eight Rupees and Eighty Paise

						Only
11	Providing Primer one coat of red lead enamel paint of approved shade ---do--- all complete job	94.55	Sqm	43.75	4,136.56	Four Thousand One Hundred Thirty Six Rupees and Fifty Six Paise Only
12	Providing two coat of synthetic enamel paint approved shade ---do--- all complete job	94.55	Sqm	53.71	5,078.28	Five Thousand Seventy Eight Rupees and Twenty Eight Paise Only
13	Providing two coat of colour washing over new surface---do---- all complete job	105.46	Sqm	18.57	1,958.39	One Thousand Nine Hundred Fifty Eight Rupees and Thirty Nine Paise Only
14	Providing two coat of snowcem ----do---- all complete job	102.49	Sqm	69.77	7,150.73	Seven Thousand One Hundred Fifty Rupees and Seventy Two Paise Only
15	Providing 25 mm thick PCC (1:2:4) in a roof surface -----do----- all complete job	3.29	Cum	5358.83	17,630.55	Seventeen Thousand Six Hundred Thirty Rupees and Fifty Five Paise Only
16	Providing 25 mm thick IPS flooring (1:2:4) ---do---- all complete job	106.94	Sqm	257.98	27,588.38	Twenty Seven Thousand Five Hundred Eighty Eight Rupees and Thirty Eight Paise Only
17	Providing 6 mm thick cement plaster (1:4) in ceiling ----do--- all complete job	106.94	Sqm	136.62	14,610.14	Fourteen Thousand Six Hundred Ten Rupees and Fourteen Paise Only
18	Carriage of material by truck or any other mechanical means with all complete job.					
	Coarse Sand (10 Km.)	5.64	Cum	309.28	1,744.34	One Thousand Seven Hundred Forty Four Rupees and Thirty Three Paise Only
	Chips (15 Km.)	3.08	Cum	377.98	1,164.18	One Thousand One Hundred Sixty Four Rupees and Seventeen Paise Only
BLOCK – 3						

1	Dismantling of patent stone flooring -----do----- all complete job	240.40	Sqm	29.35	7,055.74	Seven Thousand Fifty Five Rupees and Seventy Four Paise Only
2	Dismantling of all plster of ceiling and wall -----do----- all complete job	534.61	Sqm	15.47	8,270.42	Eight Thousand Two Hundred Seventy Rupees and Forty One Paise Only
3	Taking down old door and window shutter including stacking servicable material -- --do--- all complete job	30.11	Sqm	32.50	978.58	Nine Hundred Seventy Eight Rupees and Fifty Seven Paise Only
4	Taking down chokhat in door - ---do--- all complete job	8.00	Each	64.74	517.92	Five Hundred Seventeen Rupees and Ninety Two Paise Only
5	Taking down chokhat in window ---do--- complete job	8.00	Each	99.44	795.52	Seven Hundred Ninety Five Rupees and Fifty Two Paise Only
6	Dismantling of leak repair of terraced roof with cement and powder application ---do--- all complete job	154.44	Sqm	6.59	1,017.76	One Thousand Seventeen Rupees and Seventy Five Paise Only
7	Providing 12 mm thick water proof cement plaster (1:3) with clean coarse sand with 5% cico ----do---- all complete job	154.44	Sqm	148.96	23,005.38	Twenty Three Thousand Five Rupees and Thirty Eight Paise Only
8	Providing RCC 150 (1:2:4) in Chajja ---do--- all complete job	4.46	Sqm	960.88	4,285.52	Four Thousand Two Hundred Eighty Five Rupees and Fifty Two Paise Only
9	S/F/F steel door & window with GCI Sheet 20 gauge ---do- -- all completer job	30.11	Sqm	3518.16	105,931.80	One Hundred Five Thousand Nine Hundred Thirty One Rupees and Seventy Nine Paise Only
10	S/F/F MS Grill made up of (20 x 6) mm MS Flat ---do--- all complete job	621.35	Kg	73.74	45,818.35	Forty Five Thousand Eight Hundred Eighteen Rupees and Thirty Four Paise Only
11	Providing Primer one coat of red lead enamel paint of approved shade ---do--- all complete job	94.55	Sqm	43.75	4,136.56	Four Thousand One Hundred Thirty Six Rupees and Fifty Six Paise Only

12	Providing two coat of synthetic enamel paint approved shade ---do--- all complete job	94.55	Sqm	53.71	5,078.28	Five Thousand Seventy Eight Rupees and Twenty Eight Paise Only
13	Providing two coat of colour washing over new surface---do---- all complete job	278.91	Sqm	18.57	5,179.36	Five Thousand One Hundred Seventy Nine Rupees and Thirty Five Paise Only
14	Providing two coat of snowcem ----do---- all complete job	255.70	Sqm	69.77	17,840.19	Seventeen Thousand Eight Hundred Forty Rupees and Eighteen Paise Only
15	Providing 25 mm thick PCC (1:2:4) in a roof surface -----do----- all complete job	3.91	Cum	5358.83	20,953.03	Twenty Thousand Nine Hundred Fifty Three Rupees and Two Paise Only
16	Providing 25 mm thick IPS flooring (1:2:4) ---do---- all complete job	240.40	Sqm	257.98	62,018.39	Sixty Two Thousand Eighteen Rupees and Thirty Nine Paise Only
17	Providing 6 mm thick cement plaster (1:4) in ceiling ----do--- all complete job	240.40	Sqm	136.62	32,843.45	Thirty Two Thousand Eight Hundred Forty Three Rupees and Forty Four Paise Only
18	Supplying Fitting and fixing collapsible gate.	3.14	Sqm	4324.55	13,579.09	Thirteen Thousand Five Hundred Seventy Nine Rupees and Eight Paise Only
19	Providing two coats of plastic emulsion paint	33.43	Sqm	164.49	5,498.90	Five Thousand Four Hundred Ninety Eight Rupees and Ninety Paise Only
20	Carriage of material by truck or any other mechanical means with all complete job.					
	Coarse Sand (10 Km.)	7.95	Cum	309.28	2,458.78	Two Thousand Four Hundred Fifty Eight Rupees and Seventy Seven Paise Only
	Chips (15 Km.)	10.98	Cum	377.98	4,150.22	Four Thousand One Hundred Fifty Rupees and Twenty Two Paise Only

BLOCK – 4						
1	Dismantling of patent stone flooring -----do----- all complete job	86.48	Sqm	29.35	2,538.19	Two Thousand Five Hundred Thirty Eight Rupees and Eighteen Paise Only
2	Dismantling of all plaster of ceiling and wall -----do----- all complete job	192.15	Sqm	15.46	2,970.64	Two Thousand Nine Hundred Seventy Rupees and Sixty Three Paise Only
3	Taking down old door and window shutter including stacking servicable material --do--- all complete job	14.15	Sqm	32.50	459.88	Four Hundred Fifty Nine Rupees and Eighty Seven Paise Only
4	Taking down chokhat in door -do--- all complete job	3.00	Each	64.74	194.22	One Hundred Ninety Four Rupees and Twenty Two Paise Only
5	Taking down chokhat in window ---do--- complete job	5.00	Each	99.44	497.20	Four Hundred Ninety Seven Rupees and Twenty Paise Only
6	Dismantling of leak repair of terraced roof with cement and powder application ---do--- all complete job	86.48	Sqm	6.59	569.90	Five Hundred Sixty Nine Rupees and Ninety Paise Only
7	Providing 12 mm thick water proof cement plaster (1:3) with clean coarse sand with 5% cico ----do---- all complete job	86.48	Sqm	148.96	12,882.06	Twelve Thousand Eight Hundred Eighty Two Rupees and Six Paise Only
8	Providing RCC 150 (1:2:4) in Chajja ---do--- all complete job	3.14	Sqm	960.88	3,017.16	Three Thousand Seventeen Rupees and Sixteen Paise Only
9	S/F/F steel door & window with GCI Sheet 20 gauge ---do--- all completer job	14.15	Sqm	3518.16	49,781.96	Forty Nine Thousand Seven Hundred Eighty One Rupees and Ninety Six Paise Only
10	S/F/F MS Grill made up of (20 x 6) mm MS Flat ---do--- all complete job	124.44	Kg	73.74	9,176.21	Nine Thousand One Hundred Seventy Six Rupees and Twenty Paise Only
11	Providing Primer one coat of red lead enamel paint of approved shade ---do--- all complete job	96.62	Sqm	43.75	4,227.13	Four Thousand Two Hundred Twenty Seven Rupees and

						Twelve Paise Only
12	Providing two coat of synthetic enamel paint approved shade ---do--- all complete job	96.62	Sqm	53.71	5,189.46	Five Thousand One Hundred Eighty Nine Rupees and Forty Six Paise Only
13	Providing two coat of colour washing over new surface---do---- all complete job	72.33	Sqm	18.57	1,343.17	One Thousand Three Hundred Forty Three Rupees and Sixteen Paise Only
14	Providing two coat of snowcem ----do---- all complete job	119.20	Sqm	75.90	9,047.28	Nine Thousand Forty Seven Rupees and Twenty Eight Paise Only
15	Providing 25 mm thick PCC (1:2:4) in a roof surface -----do----- all complete job	2.19	Cum	5358.83	11,735.84	Eleven Thousand Seven Hundred Thirty Five Rupees and Eighty Three Paise Only
16	Providing 25 mm thick IPS flooring (1:2:4) ---do---- all complete job	86.48	Sqm	257.98	22,310.11	Twenty Two Thousand Three Hundred Ten Rupees and Eleven Paise Only
17	Providing 6 mm thick cement plaster (1:4) in ceiling ----do--- all complete job	86.48	Sqm	136.62	11,814.90	Eleven Thousand Eight Hundred Fourteen Rupees and Eighty Nine Paise Only
18	Carriage of material by truck or any other mechanical means with all complete job.					
	Coarse Sand (10 Km.)	3.70	Cum	309.28	1,144.34	One Thousand One Hundred Forty Four Rupees and Thirty Three Paise Only
	Chips (15 Km.)	4.74	Cum	377.98	1,791.63	One Thousand Seven Hundred Ninety One Rupees and Sixty Two Paise Only
WALL PAINTING IN DIFFERENT BLOCKS OF SCHOOL						
1	Block A + Block B + Block C + Block D + B. Wall + WRITING OF SCHOOL NAME	45.00	Sqm	2694.00	121230.00	One Hundred Twenty One Thousand Two Hundred Thirty Rupees and Zero Paise Only

RAMP						
1	Earth work in excavation in foundation trenches in ordinary soil(vide classification of soil item A) and disposal of excavated earth as obtained to a distance upto 50M including all lifts leveling ramming the foundation treanches, removing roots of trees.	0.71	m3	109.36	77.65	Seventy Seven Rupees and Sixty Four Paise Only
2	Extra for earthwork in hard soil as per specification and direction of E/I.	0.71	m3	11.17	7.93	Seven Rupees and Ninety Three Paise Only
3	Providing coarse clean sand in filling in in foundation trenches or in plinth including ramming and watering in layers not exceeding 150mm thick with all leads and lifts including cost of all materials labour, royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement compacted volume)	0.81	m3	223.35	182.01	One Hundred Eighty Two Rupees and Zero Paise Only
4	Providing designation 75B one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I.	7.75	m2	231.26	1792.48	One Thousand Seven Hundred Ninety Two Rupees and Forty Seven Paise Only
5	Providing P.C.C M 100 with nominal mix of (1:3:6) in foundation with approved quality of stone metal grade -III (50mm to 25mm) size clean coarse sand of F.M 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking curing taxes and royalty all complete as per building specification and direction of E/I	0.47	m3	3876.35	1834.89	One Thousand Eight Hundred Thirty Four Rupees and Eighty Nine Paise Only

6	Providing P.C.C M 100 with nominal mix of (1:2:4) in foundation with approved quality of stone metal grade -III (50mm to 25mm) size clean coarse sand of F.M 2.5 to 3 including screening, shuttering, mixing cement concrete in mixer and placing in position, vibrating, striking curing taxes and royalty all complete as per building specification and direction of E/I	0.23	m3	5358.83	1215.15	One Thousand Two Hundred Fifteen Rupees and Fifteen Paise Only
7	Providing designation 75B brick work in C.M. (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints, cost of screening materials, raking out joints to 15 mm depth curing, taxes and royalty all complete as per building specification and direction of E/I.	0.41	m3	3750.37	1546.71	One Thousand Five Hundred Forty Six Rupees and Seventy Paise Only
8	Providing 12mm thick cement plaster (1:6) with clean coarse sand of F.M 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I	6.04	m2	124.60	752.70	Seven Hundred Fifty Two Rupees and Sixty Nine Paise Only
9	Providing 12mm thick cement plaster (1:3) with clean coarse sand of F.M 1.5 with floating coat of neat cement in skirting including rounding of junctions with floor, curing, taxes and royalty all complete as per building specification and direction of E/I	6.51	m2	43.15	280.72	Two Hundred Eighty Rupees and Seventy One Paise Only
10	Supplying fitting and fixing MS grill in handrail with all complete job.	25.00		73.74	1843.50	One Thousand Eight Hundred Forty Three Rupees and Fifty Paise Only
11	Providing 50mm dia good quality GI Pipe with all complete job.	6.00	M	319.06	1914.36	One Thousand Nine Hundred Fourteen Rupees and Thirty Six

						Paise Only
12	Providing two coats of synthetic enamel paint of approved shade and made over steel surface including cleaning the surface thoroughly including scales smokes, grease and sand papering including cost of scaffolding and taxes all complete as per building specification and direction of E/l	4.65	m2	53.71	249.58	Two Hundred Forty Nine Rupees and Fifty Eight Paise Only
13	Providing and laying hydraulically machine pressed terrazo tiles 20mm thick of approved texture with 4mm down marble chips of approved shade, size and quality, laid on 19mm. thick bed of lime mortar (1:1:1) (lime:surkhi:sand) with neat cement slurry mixed with pigment to match the shade of tiles between joints, including rubbing and polishing to granolithic finish with approved quality of carborandum stone including cost of curing, royalty and taxes all complete as per building specification and direction of E/l.	5.58	m2	864.93	4823.03	Four Thousand Eight Hundred Twenty Three Rupees and Two Paise Only
14	Carraige of materials by truck or any other mechanical means with all complete job					
	(A) Briks (1+7) KM	0.51	Per 1000	756.90	387.53	Three Hundred Eighty Seven Rupees and Fifty Three Paise Only
	(B) Local Sand (up to 3 KM)	1.81	m3	189.31	342.65	Three Hundred Forty Two Rupees and Sixty Five Paise Only
	(C) Coarse Sand (up to 10 KM)	1.03	m3	309.28	318.70	Three Hundred Eighteen Rupees and Seventy Paise Only

	(D) Metal (up to 15 KM)	0.77	m3	411.76	316.23	Three Hundred Sixteen Rupees and Twenty Three Paise Only	
Total Amount				Rs.	996,533.20	Nine Hundred Ninety Six Thousand Five Hundred Thirty Three Rupees and Nineteen Paise Only	
(i)	Add : GST @12%				Rs.	103,136.96	One Hundred Three Thousand One Hundred Thirty Six Rupees and Ninety Six Paise Only
(ii)	Add : Labour Cess @1%				Rs.	8,594.74	Eight Thousand Five Hundred Ninety Four Rupees and Seventy Four Paise Only
Total Cost In Figure				Rs.	1,108,264.90	One Million One Hundred Eight Thousand Two Hundred Sixty Four Rupees and Eighty Nine Paise Only	

Bill of Quantity

Group No : 2

**Name of Work: Providing and Fixing 80mm thick M40 Grade Paver Block in
Model School Campus of Namkum of Ranchi District of Jharkhand**

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate in Rs. P	Total Amount In Figure Rs. P	Amount In Word
1	Earth work in excavation in foundation trenches in ordinary soil(vide classification of soil item A) and disposal of excavated earth as obtained to a distance upto 50M including all lifts leveling ramming the foundation treanches, removing roots of	149.39	M3	109.36	16337.33	Sixteen Thousand Three Hundred Thirty Seven Rupees and Thirty Three Paise Only
2	Extra for earthwork in hard soil as per specification and direction of E/I.	149.39	M3	11.17	1668.69	One Thousand Six Hundred Sixty Eight Rupees and Sixty Nine Paise Only
3	Providing coarse clean sand in filling in in foundation trenches or in plinth including ramming and watering in layers not exceeding 150mm thick with all leads and lifts including cost of all materials labour, royalty and taxes all complete as per buildin	49.14	M3	92.84	4562.30	Four Thousand Five Hundred Sixty Two Rupees and Thirty Paise Only
4	Supply and fixing of paver block - 80 mm thick M40 Grade	655.22	M2	980.00	642116.54	Six Hundred Forty Two Thousand One Hundred Sixteen Rupees and Fifty Four Paise Only
5	Providing & laying non-pressure NP2 class (light duty) R.C.C. pipe with coller jointed with still mixture of cement mortar in the proportion of 1:2 including testing of joints etc. complete.	200.00	M	468.60	93720.00	Ninety Three Thousand Seven Hundred Twenty Rupees and Zero Paise Only
20	Carriage of material by truck or any other mechanical means with all complete job.					
	Coarse Sand (10 Km.)	49.14	Cum	309.28	15,198.02	Fifteen Thousand One Hundred Ninety Eight Rupees and One Only
	Paver Block (20Km.)	7.28	Per 1000	981.77	7,147.29	Seven Thousand One Hundred Forty Seven Rupees and Twenty Eight Paise Only
Total Amount				Rs.	780,750.17	Seven Hundred Eighty Thousand Seven Hundred Fifty Rupees and Seventeen Paise Only
	Add GST @ 12%			Rs.	95559.01	Ninety Five Thousand Five Hundred Fifty Nine Rupees and One Only

	Add Labour cess 1%			Rs.	7963.25	Seven Thousand Nine Hundred Sixty Three Rupees and Twenty Five Paise Only
Total Cost In Figure				Rs.	884,272.43	Eight Hundred Eighty Four Thousand Two Hundred Seventy Two Rupees and Forty Three Paise Only