



OFFICE OF THE REGISTRAR

মহাপুৰুষ শ্ৰীমন্ত শঙ্কৰদেৱ বিশ্ববিদ্যালয়

MAHAPURUSHA SRIMANTA SANKARADEVA VISWAVIDYALAYA

[Recognised Under Section 2(f) of UGC Act, 1956]

Srimanta Sankaradeva Sangha Complex, Haladhar Bhuyan Path,
Kalongpar, Nagaon, PIN-782001, Assam, India

Ref. No.: MSSV/R/51/2015/

Dated: 04.01.2022

Tender Document:

Name of Work: Construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya Atuatika, Raidongia, Nagaon, Assam
(SH: Civil works).

Note-1:- The intending bidder must read the terms and conditions carefully. He should submit his bid only if he considers himself eligible and he is in possession of all the documents as required.

Note-2:- The intending bidder must upload all the documents as detailed in this tender document.

Note-3:- Applicants are advised to keep visiting www.mssv.co.in from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.

Note-4:- The EMD shall be prepared in favour of **the Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya Kalongpar, Nagaon** as detailed in the tender document. A part of EMD is acceptable in the form of bank guarantee as per the details in the tender document. This bank guarantee shall also be in favour of **the Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya Kalongpar, Nagaon**

Note-5:- **The defect liability period is 24 months** from the date of handing over the completed building. Other related details are elaborated in the tender document.

Note-6:- Site inspection, if desired, by the intending bidders will be arranged. The intending bidders must reach the O/o the Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Kalongpar, Nagaon. The construction site is at MSSV, Raidongia, Atuatika. The intending bidders shall arrange for the conveyance themselves.

Note-7:- The indicative drawings are enclosed.

Note-8:- The following condition of contracts and corresponding amendments should be read as follows:-

a) The quoted rates should be inclusive of GST.

Tender Document:

Name of Work: Construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya Atuatika, Raidongia, Nagaon, Assam

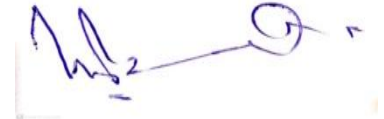
This NIT amounting to Rs. 2,93,58,093 /- contains 20 pages numbered from 01 to 20 Notes:

Estimated Cost Rs. 2,93,58,093 /- (Rupees Two Core Ninety three lac fifty eight thousand ninety threeOnly) comprising of

Civil works Rs. 2,71,83,420/- (Rupees two Core seventy One Lac Eighty Three Thousand Four Hundred Twenty Only)

Additional GST (7%) over VAT of Rs. 19,02,839/- (Rupees Nineteen Lac Two Thousand Eight Hundred Thirty Nine Only)

Contingencies 1% of Rs.2,71,834.00/-(Rupees Two Lac Seventy One Thousand Eight Hundred Thirty Four Only)



Registrar
MSSV,Kalongpar,Nagaon



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Srimanta Sankaradeva Sangha Complex, Haladhar Bhuyan Path,
Kalongpar, Nagaon, PIN-782001, Assam, India

Ref. No.: MSSV/R/51/2015/

Dated: 04.01.2022

Notice Inviting Tender

SL No	Name of work and location	Estimated cost put to tender	Earnest Money	Cost of Bid	Period of Completion	Last date & time of technical & financial bid for offline submission	Time & date of opening of technical bid
1	Construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Atuatika, Raidongia, Nagaon, Assam	Rs. 2,93,58,093 /- Comprising of Civil works Rs. 2,71,83420/- GST (7%) over VAT Rs1902839/- and contingencies 1% Rs.2,71,834/-	2% for General and 1% for SC, ST & OBC	Rs.6,800/-	06 Months	Upto 3.00 PM on 11.01.2022	12.01.2022

Note: The contractor submitting the tender should read the schedule of quantities, additional conditions, additional specifications, particular specifications and other terms and conditions given in the NIT and drawings.

1. Contractors should have valid registration with EPF/ ESIC / GST authority.
2. The intending bidder must read the terms and conditions carefully. He should submit his bid only if he considers himself eligible and he is in possession of all the documents required.
3. Entire work under the scope of composite tender including major and all minor components shall be executed under one agreement.
4. The tenderer has to associate agency(s) for minor component(s) confirming to eligibility criteria as defined in the tender document and has to submit detail of such agency(s) to Engineer-inCharge of minor component(s) within prescribed time.

Name of the agency(s) to be associated shall be approved by Engineer-in-Charge of minor component(s)

5. The tenderer has to enter into agreement with the contractor(s) associated by him for execution of minor component(s). Copy of such agreement shall be submitted to E in-charge of minor component as well as to E in-charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.

6. The bid document consisting of the schedule of quantity, terms and condition, i/c plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen in the office the Engineer-in-Charge between hours of 11:00 AM and 4:00 PM from date of publicity of tender to date of submission of tender every day except on Saturday, Sunday and public holidays or can be seen and downloaded from website www.mssv.co.in

7. If a tenderer does not quote any percentage above/below on the total amount of the tender or any section/sub head in the percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

8. The Institute reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

9. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

10. a) Earnest Money in the form of Demand Draft or Pay order or Bankers Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of the Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Nagaon by the bidder within the period of bid submission. A part of earnest money (EM) is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lacs, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for four months or more from the last date of receipt of bids which also is to be scanned and uploaded by the intending bidders. The original EMD should be deposited in hardcopy in the office of Registrar, MSSV, Kalongpar, Nagaon along with the mentioned documents.

b) Tender Document Processing fee – Rs. 1000/- shall be paid to the Registrar, MSSV, Kalongpar, Nagaon

11. Copy (original/self-certified) of all the scanned documents as specified in bid document shall have to be submitted by the all bidders, physically in the office of tender opening authority.

12. The bid submitted shall become invalid and Tender processing fee shall not be refunded if:

(i) The bidder is found ineligible.

(ii) The bidder does not deposit original EMD to the Registrar, MSSV, Kalongpar, Nagaon.

(iii) If any discrepancy is noticed at the time of submission of bid and hard copies as submitted physically by the bidder in the office of bid opening authority.

(v) If a bidder does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

13. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation.

they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra cost consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the authority and local conditions and other factors having a bearing on the execution of the work.

14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

15. List of Documents to be scanned and uploaded within the period of bid submission:

- i. Enlistment Order of the Contractor in appropriate class of composite category.

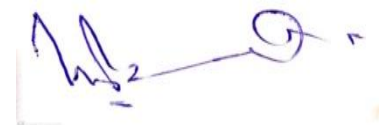
- ii. Treasury Challan/ demand Draft/ Pay Order or Banker's Cheque / Deposit at call Receipt / Bank Guarantee of any scheduled Bank against EMD (All drawn in favour of the Registrar, MSSV, Kalongpar, Nagaon.)
- iii. Photocopy/scan copy of original EMD.
- iv. Certificate of Incorporation.
- v. Proof of Tender document processing fee.
- vi. Certificates of Work Experience.
- vii. Certificate of Financial Turnover from CA.
- viii. Certificate of Registration of GST.
- ix. Any other Document as required.

16. Certificate of Financial Turnover: At the time of submission of bid, contractor may submit Affidavit / Certificate form CA mentioning Financial Turnover of last 5 years or for the period as specified in the bid document and further details if required may be asked from the contractor after opening of technical bids. There is no need of entire voluminous balance sheet.

17. Contractor must ensure to quote percentage rate separately for civil works in words and figures in column meant for quoting rate in the estimated cost appears in yellow. In addition to this, while selecting any of the cells a warning appears that if cell is left blank the same shall be treated as —0l.

18. The pre-qualification bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.

19. If any Information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering for future work. The Institute reserves the right to verify the particulars furnished by the applicant independently.



Registrar,
MSSV, Nagaon

SECTION I

BRIEF PARTICULARS OF THE WORK:

1. Salient details of the work for which bids are invited are as under:

Sl. No.	Name of work	Estimated Cost	Period of completion
1.	Construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya Atuatika, Raidongia, Nagaon, Assam	Rs. 2,93,58,093 /- Comprising of Civil works Rs. 2,71,83,420/- GST (7%) over VAT Rs 19,02,839/- and contingencies 1% Rs. 2,71,834	06 months

2. General features/scope of the work is as under: The scope covers construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya Atuatika, Raidongia, Nagaon (Ground floor). There are one block to be constructed and have attached toilet block with it. The toilet block shall be RCC framed structure. The walls are of 1st class brick nogged wall and has RCC staircase and lift. Reinforcement concrete mix in pile shall be of M-25 grade foundation and column upto ground floor level shall be of RCC grade M20.

Above details and status are only indicative but not exhaustive. The intending bidder shall inspect the site and fully acquaint with nature and quantum of work and site condition and assess/satisfy himself before quoting and submission of his bid. He is also advised to inspect the indicative drawings attached with this tender document to acquaint with other details about the building.

Conditions related to site restrictions and/or site facilities available for the work:-

1. The contractor shall have to make his own arrangement of water. No charges shall be recovered if the contractor develops tube well at site and pumping arrangement at his own cost. The contractor shall have to seek permission of digging tube well etc. for water arrangements from Engineer-in-charge.
2. Temporary electrical connection (single / three phase) shall be provided by the Institute from its distribution network and the charges shall be realized at the prevalent commercial tariff of the institute, presently recovery rate on the basis of actual consumption thro' a separate sub-meter under the control of the Engineer-in-charge. If the rates are revised in future the same shall be applicable to the contractor. The contractor at his own cost shall arrange the cable for service connection and the sub meter.
3. Justified quantum of space within the site location, free of cost, may be provided for the infrastructure facilities like batching plant, material stock yard, site office etc. However, labour hutments shall not be allowed inside the campus.
4. Under normal circumstances, the working hours for labour are 09:00 AM to 06:00 PM. For working beyond 06:00 PM or prior to 08:00 AM, the contractor has to apply to the security personals along with the name of labours. Permission may be granted for the extended hours.
5. The barricading shall be provided at all necessary locations as per general safety norms requirements of the site.

SECTION II
INFORMATION & INSTRUCTIONS FOR BIDDERS

1.0 General:

1.1 All information called for in the enclosed forms should be furnished against the relevant columns in the forms. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a —nil or —no such case entry should be made in that column. If any particulars/query is not applicable in case of the bidder, it should be stated as —not applicable. The bidders are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the bid being summarily disqualified. Bids made by telegram or telex and those received late will not be entertained.

1.2 The bid should be type-written /computer printed. The tenderer (s) should sign each page of the application.

1.3 Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialing, dating and rewriting.

2.0 Final decision making authority. The Institute reserves the right to accept or reject any bid and to annul the process and reject all bids at any time, without assigning any reason or incurring any liability to the bidders.

3.0 Site visit The bidder is advised to visit the site of work, at his own cost, and examine it and its surroundings to collect all information that he considers necessary for proper assessment of the prospective assignment.

3.1 The bidder should have sufficient number of Technical & Administrative employees for proper execution of the contract. The bidder shall have to submit a list of these employees stating clearly how these would be involved in this work within 15 days of award of work.

4.0 Award criteria

4.1 The Institute reserves the right, without being liable for any damages or obligation to inform the bidder, to:

- (a) Amend the scope and value of contract to the bidder.
- (b) Reject any or all the applications without assigning any reason.

Percentage Rate Composite Tender & Contract for Works

(A) Tender for the work of :Construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya Atuatika, Raidongia, Nagaon, Assam

TENDER

I/We have read and examined the notice inviting tender, schedule, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, particular specification, Schedule of Rates& other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Construction of Administrative Building at Mahapurusha Srimanta Sankaradeva Viswavidyalaya Atuatika, Raidongia, Nagaon, Assam within the time specified in section-I., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred of General Rules and Directions and of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for ninety (90) days from the due date of its Eligibility bid opening and not make any modification in its terms and conditions.

A sum of Rs 5,87,162/- is hereby forwarded in deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank/bank guarantee issued by a scheduled bank as earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said the Registrar, MSSV, Nagaon or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that the the Registrar, MSSV, Nagaon or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision of the tender form. Further, I/We agree that in case of forfeiture of

Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice, then I/we shall be debarred for tendering in construction of MSSV,Nagaon, Assam in future forever. Also, if such a violation comes to the notice before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:

Witness:

Address:

Occupation:

Signature of Contractor

Postal Address

ACCEPTANCE

The above tender (as modified by you / as provided in the letters mentioned here under) is accepted by me for and on behalf of the Registrar, MSSV, Kalongpar, Nagaon for a sum of Rs.....
(Rupees
.....
.....)

The letters referred to below shall form part of this contract agreement:-

- (a)
- (b)
- (c)

For & on behalf of the Registrar,
MSSV, Kalongpar, Nagaon

Signature.....

Dated: Designation

PROFORMA OF SCHEDULES

(Composite Tender –Major Component-[Civil])

SCHEDULE 'A'

Schedule of quantities

Refer Part- —Bl.

SCHEDULE 'B'

(I) Estimated cost of work	Total Estimated Rs. 2,93,58,093 /-Comprising of Civil works Rs. 2,71,83420/- GST (7%) over VAT Rs1902839/- and contingencies 1% Rs.2,71,834/-
(II) Earnest Money	2% for General and 1% for SC, ST & OBC
(ii) Performance Guarantee	Nil
(iii) Security Deposit	8% of tendered value

SCHEDULE 'C'

GENERAL RULES & DIRECTIONS:

Officer Inviting tender	Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Kalongpar, Nagaon
Engineer-in-Charge	Project Engineer
Accepting Authority	Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Kalongpar, Nagaon
Percentage on cost of materials and Labour to cover all overheads and profits	10%
Number of days from the date of issue of letter of acceptance for reckoning date of start	20days

Time allowed for execution of work	06 Months
Authority to decide:	
(i) Extension of time	Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Kalongpar, Nagaon
(ii) Rescheduling of milestones	Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Kalongpar, Nagaon
(iii) Shifting of date of start in case of delay in handing over of site	Registrar, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Kalongpar, Nagaon
Clause 1:	
Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Rs. 10 Lakhs (Rupees Ten Lakhs only) or as mutually agreed by both the parties
Clause 1A: Whether Clause 1 shall be applicable Running Account bill shall be paid for the work	Yes

List of testing equipment to be provided by the contractor at site lab.	As per Annexure 1
List of mandatory machinery, tools & plants to be deployed by the contractor at site:-	As per Annexure 2

ANNEXURE-1

LIST OF TESTING EQUIPMENTS TO BE PROVIDED BY THE CONTRACTOR AT SITE LAB:

1. Balances
 - a. 7 Kg to 10 kg capacity, semi-self indicating type- Accuracy 10 gm
 - b. 500 gm capacities, semi-self indicating type- Accuracy 1 gm
 - c. Pan balance- 5kg capacity- Accuracy 10 gms
2. Ovens- electronically operated, thermostatically controlled upto 110oC to 10C.
3. Sieves as per IS 460-1962.
 - i.IS sieves - 450mm internal dia, of sizes 100mm, 80mm, 63mm, 50mm, 40mm, 25mm, 12.5mm, 10mm, 6.3mm and 4.75mm complete with lid and pan.
 - ii.IS sieves - 200mm internal dia(brass frame), consisting of 2.36mm, 1.18mm, 600 microns, 425 microns, 212 microns, 90 microns, 75 microns with lid and pan.
4. Sieve shaker capable of 200mm and 300 mm dia sieves, manually operated with timing switch assembly.
5. Equipment for slump test-slump cone, steel plate, tamping rod, steel scale, scoop.
6. Dial gauges, 25mm travel- 0.01mm/division least count-2 nos.
7. 100 tonnes compression testing machine, electrical cum manually operated along with one hundred cube moulds of 15x15x15 cm size.
8. Ultrasonic Pulse Velocity Test Equipment (For concrete) - 1 No.
9. Graduated measuring cylinders 200 ml capacity – 3 Nos.
10. Enamel trays (for efflorescence test of bricks)
 - i. 300 mm x 250 mm x 40 mm – 2 Nos.
 - ii. Circular plates of 250mm dia 4 Nos.
11. Steel tapes-3m and 10m, hammer 100 gms.
12. Vernier calipers
13. Micrometer screw 25mm gauge.
14. A good quality plumb bob.
15. Spirit level, minimum 30cms long with 3 bubbles for horizontal vertical.
16. Wire gauge (circular type) disc.
17. Foot rule
18. Long Nylon thread
19. Rebound hammer for testing concrete
20. Magnifying glass.
21. Screw driver 30cms long
22. Ball pin hammer, 100 gms
23. Plastic bags for taking samples.
24. Earth resistance tests
25. Megger
26. Compaction Apparatus (Proctor) as per IS 2720-Part VII-1974
27. Modified ASHO compaction Apparatus as per IS 2720-Part III-1974
28. Sand pouring cylinder with control pouring and tube complete as per IS 2720-Part XXVIII1974

ANNEXURE – 2

List of machinery, Tools and plants to be deployed by the contractor at site:

Sl. No	Activity	Name of equipment	Number
1	Piling work	Cast in-situ machine driven pile	2 Nos
2	Earth work	Earth moving equipment like JCB 3D	2 Nos
3	Concrete work	a) Fully automatic concrete batching plant of minimum capacity 18 Cum/ hr (this is optional as per tender conditions)	1Nos
		b) Transit Mixer for concrete	1Nos
		c) Plate vibrator, screed leveller	4Nos
		d) Needle vibrator	4Nos
		e) Tray	10Nos.
		f) Belsa	10Nos.
4	Building	a) Bar cutting machine	1Nos
		b) Bar bending machine	1Nos
		c) Welding machine	1Nos
		d) Cube testing machine	1Nos
		e)Tractor with trolley	1Nos
5	Survey	Electronic Total station instrument	1Nos
Any other machinery required for completion of the work as per actual site requirement			

Contractor is advised to deploy the required Plant and machinery on the project. The number of plant and machinery to be deployed by him is indicated. In case the contractor fails to deploy the plant and machinery whenever required and as per the direction of the Engineer-in-charge, he (Engineer-in-charge) shall be at a liberty to get the same deployed at the risk and cost of the contractor.

MATERIAL AND QUALITY ASSURANCE

1. The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.

2. The contractor shall get the source of all materials, approved from the Engineer-in-Charge. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-in-Charge for which tests etc. shall be done by the contractor at his own cost. Similarly, the contractor shall submit brand/ make of various materials not specified in the agreement, to be used for the approval of the Engineer-in-Charge along with samples and once the sample is approved, he shall adhere to the approved sample.

3. Materials having manufacturer's test report/certificate can be sent for testing to any external laboratories by the engineer in charge for ascertaining the quality of products. The contractor shall provide free of charge all the materials required for such testing, including transportation and other logistical support. Unless specifically specified otherwise, the testing charge for such materials having manufacturer's test report shall be borne by the engineer in charge if the test passes and shall be borne by the contractor if the test fails.

4. Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used. In case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.

5. The contractor shall ensure quality construction in a planned and time bound manner.

6. All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.

7. The Stone aggregate/stone, sand shall be brought from any quarries subjected to the said materials confirm PWD specifications.

8. The day to day receipt and issue accounts of different grade/brand of cement shall be maintained separately in the standard proforma decided by the Engineer-in-Charge or his authorised representative of work and which shall be duly signed by the contractor or his authorised representative.

9. Separate cement registers showing the receipt of the OPC and PPC shall be maintained at site. The contractor shall construct separate godowns for storage of OPC & PPC at site and nothing extra on this account shall be payable.

Maintenance of Registers:

1. All the registers for tests of material to be carried out at construction site or in outside laboratories shall be maintained by the contractor. These register shall be issued to the contractor by Engineer-in-Charge.

2. The test registers to be issued to the contractor are :

- a) Materials at site account register.
- b) Cement register.
- c) Cube test register.
- d) Any other test register as required.
- e) Submission of copy of all test registers, material at site register along with each running account bill and final bill shall be mandatory. The contractor shall submit all these registers alongwith the final bill to the Engineer-in-charge.

General Terms and Conditions:

1. The order of preference in case of any discrepancy may be read as the following:

- i) Nomenclature of items as per schedule of quantities.
- ii) Particular specification and special condition, if any.
- iii) APWD specifications.
- iv) Indian standard specifications of B.I.S.
- v) Drawings for the work

The contractor shall maintain in perfect condition, all portions executed till completion of the entire work allotted to him

2. Defects Liability Period (DLP)

2.1 Defects liability period shall be taken as thirty six (36) months from the date of completion of the work for building as a whole, wherein all the defects shall be rectified by the contractor at his own cost.

2.2 Defects of serious nature causing inconvenience such as leakage, reverse floor slopes affecting the drainage (ponding of water), warping and opening of joints in doors and window shutters etc shall be undertaken by the contractor immediately on receipt of the complaint but not exceeding one week time, failing which the defects will be got removed at his risk and cost plus 25% as supervision and establishment charges.

2.3 All other defects notified to the contractor during the DLP shall be rectified to the entire satisfaction of Engineer-in-Charge or item replaced as soon as possible but not later than one month in any case. Failure to do so in a reasonable period the Engineer-in-Charge shall get it done at his cost plus 25% as supervision and establishment charges after final notice of 10 days. The decision of Engineer-in-Charge regarding a defect being of serious nature or otherwise shall be final and binding.

The scope of the defect liability will be as under:

S.No	Description	Defect Liability
	Concrete work	(a) Rectification of structural /superficial/non-structural cracks. (b) Rectification of dampness/leakages/seepage in roof slab/junctions & sunken portion, depressed portion, through RCC slab, vertical ties, bands, walls, base slab, junction of RCC walls with base slab and construction joints of RCC water tanks. (c) Rectification of cracks in girders, beam, slab, column, lintels, vertical ties, plinth bands, lintel bands etc
	Brick work	(a) Rectification of cracks in confined masonry panel wall/partition wall in full length or in part portion. (b) Cracks / settlement of main wall, partition wall or dwarf walls. (c) Rectification of efflorescence, dampness.
	Steel & iron work	(a) Redoing of defective portion in fabrication / welding including painting thereon. (b) Structural steel work and SS railing.
	Finishing work	(a) Rectification of structural / superficial cracks. (b) Rectification of protruding / peeling off plaster. (c) Rectification of efflorescence, dampness appeared. (d) Undulation / unevenness in plaster. (e) Paint & polishing.
	Flooring work	(a) Rectification of sunken / deflected / depressed portion of plinth protection, flooring in rooms, toilets, entrance foyer, staircase and other locations. (b) Rectification / Replacement of settled floors. (c) Settlement of foundation & floors and resultant undulation of door finishes.

Note: The above list is illustrative for civil work and not exhaustive. The rectification will include all Civil works including internal and external services without any exclusion.

2.4. Release of Security Deposit: 25% security deposit will be released after expiry of 12 months from the date of completion of work on satisfactory performance during defect liability period, next 25% of the security deposit will be released after expiry of 24 months from the date of completion of work on satisfactory performance during defect liability period and remaining 50% of the security deposit will be released after expiry of 36 months from the date of completion of work on satisfactory performance during defect liability period.

Safety measures:

1. The contractor shall have to provide the safety jackets (reflective), safety shoes, safety helmets (ISI mark) and safety belt (double harness clip type locking arrangement) to the workers as under the general obligations under contract, no separate payment on this account shall be made
2. The contractor shall take instructions from the Engineer-in-charge for stacking of materials. No excavated earth or building materials etc. shall be stacked/collected in areas where other buildings, roads, services, compound walls etc. are to be constructed.
3. No payment shall be made to the contractor for any damage caused by rain, snowfall, floods, earthquake or any other natural causes whatsoever during execution of work. The damages of the work will be made good by the contractor at his own cost and no claim on this account shall be entertained.

SPECIAL CONDITIONS FOR CEMENT AND STEEL BROUGHT BY THE CONTRACTOR:

CEMENT:

1. The contractor shall procure Portland Pozzolana Cement conforming to IS: 1489 (Part-I) as required in the work, from reputed manufacturers having a production capacity not less than one million tons per annum. The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially.

Supply of cement shall be taken in 50 kg bags or bulk container bearing manufacturer's name and ISI marking. The bulk supply of cement shall be accompanied by the manufactures certificates giving full details (brand, type, grade and specification along with the requisite test certificate, copy of relevant IS specifications). Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so. Every fresh cement batch should be brought to site at least 30 days before they are to be used / consumed in the work.

2. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at rate so prescribed shall be made. In case of excess consumption no adjustment shall be made.

3. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.

4. Damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the risk and cost of the contractor

5. Cement register for the cement shall be maintained at site.

STEEL

The Contractor shall procure IS marked TMT bars of various grades from the steel manufactures or their authorized dealers (as per following selection criteria) having valid BIS license for IS 1786-2008 (Amendment -1 November 2012). Such TMT bars shall be as per the preferred make list of this tender document or should be amongst the preferred makes (part of this tender document).

The procured steel should have following qualities:-

- i. Excellent ductility, bend ability and elongation of finished product due to possible refining technology.
- ii. Construction of steel should be accurate as per design.
- iii. Steel should have no brittleness problem in finished product.
- iv. Steel should carry the quality of corrosion and earthquake resistance.
- v. Quality steel with achievement of proper level of sulphur and phosphorus as per IS :1786200b)

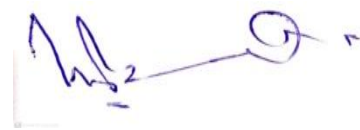
The contractor shall have to obtain and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work. The contractor shall supply free of charge the steel reinforcement required for testing including its transportation to testing laboratories.

LIST OF DRAWINGS

The following drawings listed and placed in the bid documents are indicative only. The work shall be executed as per drawings which shall be issued during course of execution. These drawings explain the general concept involved in the project only. These drawings shall undergo changes during course of execution, as work shall be executed as per drawings. It is made clear that changes made in the tender drawings shall be incorporated and subsequent in the work within the quoted rate and nothing extra shall be payable for such changes.

S.No	Description	Drg. No.
	Architectural Drawings	
1	Ground Floor Plan	IDF/AD/001
2	Sectional elevation	IDF/AD/003
3	Schedule of doors, windows & floor finish	IDF/AD/005
	Structural Drawings	
4.	Layout of Columns	IDF/AD/017
5	Pile, Pile caps, Grade beams	IDF/AD/018
6	Pile cap details with schedule of column reinforcement	IDF/AD/019-20
7	Staircase details	IDF/AD/022-24
8	Tie beam details	IDF/AD/025
9	Plinth beam details	IDF/AD/026
10	Layout of beam and slab	IDF/AD/028
11	Reinforcement details of floor beam	IDF/AD/029

The bill of quantity for civil work is uploaded separately



(Dr. M. K. Borah)
Registrar