

SANTINIKETAN TRUST
SANTINIKETAN

Memo no. ST/ 2020-21/T-1

Date: 21.07.2020

NOTICE INVITING TENDER

Opening date for bid submission	22/07/2020
Last date of submission	28/07/2020
Hours (IST)	2.00 pm
Mode of submission	Hard copy in the 'Tender Box' at Accounts Office, Visva-Bharati

Quotations are invited for the work mentioned below (see **Annexure I** and **Annexure II** for details) within the due date and time mentioned above. Only one quotation from each bidder is invited.

Bidders are requested to go through all terms and conditions as well as the requirements of the bid stated below before finally submitting to the tender box.

1. SCOPE OF THE WORK

Sl No	Description of Work	Details description of work
1	Construction of boundary wall/fencing surrounding Pous Mela ground, Santiniketan	Annexure I
2	Construction of single storied building for Santiniketan Trust at Santiniketan	Annexure II

2. EVALUATION PROCEDURE OF BID

Bids will be scrutinized in two stages – (a) **Technical bid** followed by (b) **Open Financial bid**.

I. TECHNICAL BID

The Technical bid comprises of following items-

Sl No.	Nature of the document	Remark if any
(i)	A proposal submission form as per <u>Annexure III</u>	
(ii)	Valid Contractor Registration Certificates or Proof of having worked/ working with CPWD/Railways/MES/State PWD/other Govt. Organization/ Govt. Sector Construction Agency/Public Sector Undertaking & their Subsidiary	whichever is applicable.
(iii)	GST registration copy	
(iv)	Permanent Account number (PAN) copy and latest ITR-V	

(v)	Satisfactory completion certificate of at least one job similar in nature. The value of such job should be 60% of the estimate cost of the work.	
(vi)	Contractor firm has to submit complete audited balance sheet and statement of Profit & Loss for preceding three financial years and Certificate of practicing Chartered Accountant certifying his Annual Turnover and Profit After Tax for preceding three financial years. Or income tax details of the contractor for last three financial years.	
(vii)	Bar Chart duly signed	
(viii)	List of Plant & Machinery	
(ix)	Certificate of Registration with Registrars of Company (ROC) in case of Ltd. / Pvt. Ltd. company/PSU, if required.	
(x)	a) Affidavit for sole proprietary firm or b) Copy of Partnership deed of a partnership firm or c) Certificate of Incorporation, Memorandum of Association & Articles of Association for company along with resolution of the company for authorizing the Director/ authorised signatory to sign the document, if required	
(xi)	Electrical license, if applicable.	
(xii)	Valid Bank Details (Account No., Bank Name, MICR No, RTGS No. & copy of cancelled cheque)	
(xiii)	Submission of complete tender document, duly signed.	

The technical bids must be submitted by 28th July, 2020. An open bid of technically qualified bidders will be held on 31st July, 2020 at 11:00 AM in the central Office, Visva-Bharati. A notification in his regard would be uploaded in the Visva-Bharati website. No separate invitation would be sent to technically qualified bidders.

3. HOW TO SUBMIT BIDS

Bids should be submitted in sealed envelopes super scribing ‘ST/ 2020-21/T-1’ to ‘Nodal Officer, Poush Mela, Santiniketan’ as described below-

4. PERIOD OF COMPLETION OF WORK

(I) The Period of completion of work in **item no. 1** is 3 months.

(II) The period of completion of work in **item no. 2** is 6 months.

5. THE TENDER BOX WOULD BE CLOSED BY 2:00 PM ON 28TH JULY, 2020.

TENDER TERMS AND CONDITIONS

1. All tenders will be scrutinized for technical eligibility of the bid as per the requirement mentioned in '**TECHNICAL BID**' (**ANNEXURE IV with all self attested docuemnts**) under point 2. **EVALUATION PROCEDURE OF BID**. Bidders who qualify in the technical evaluation of bid only can join Open Bidding procedure. No claim of disqualified bidders in this respect would be entertained.
2. All vendors must submit the documents in sequence and as per the prescribed format. No deviation/modification of Annexures would be considered.
3. The tenderer reserves the right to review the contract at any time if the quality/progress of the work of the contractor is not found satisfactory. Contractor shall, on receipt of such review should act accordingly.
6. Participating in the tender process automatically implies that bidding firm strictly adheres to relevant act/s (e.g. Minimum Wages (Central) Rules, 1950, Workmen's Compensation Act, 1923, Contract Labour (Regulation and Abolition) Central Rules, 1971, Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979, Child Labour (Prohibition and Regulation) Act, 1986 etc.) of the country at the time of submitting the tender. The contractor shall also comply with the provisions of the building and other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Construction Workers Welfare Cess Act, 1996. **The tendering authority has no binding to the legal liability of the manpower and other such responsibilities of the firm.**
7. If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any parties being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months after a certificate final or otherwise of its completion shall have been given by the Engineer in-Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense.
8. The contractor shall arrange at his own cost all materials, machinery, ladders, tools & plants as specified in the Technical bid.
9. In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per Safety Code framed in the country from time to time and shall at his own expense provide for all facilities in connection therewith.
10. The contractor at his own cost must arrange provisions for accommodation, water supply or electricity for its own labourers maintaining all sanitary and health measures. In case water supply is needed from the tenderer, a charge of 1% on the total bill value would be collected from the contractor. In case of non-payment, the amount will be deducted from last payment to the contractor. However, in case contractor arranges water supply, the water used by the contractor(s) shall be fit for construction purpose.
11. The tendering authority reserves the right to act on any misconduct of the employees of the contractor during the period of work.

12. The contract shall not be assigned or sublet without the written approval of the tendering authority. And if the contractor shall assign or sublet his contract, or case of attempt so, or become insolvent or commence any insolvency proceedings or make insolvency any composition with his creditors or attempt to do so, or if any bribe, 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 agent to any public officer or person in the employee of the tendering party, the tenderer reserves the right to act accordingly as per the prevailing legal provisions of the country/state.
13. Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the tendering authority shall have the option of terminating the contract without compensation to the contractor.
14. Appropriate safety code must be followed by the contractor in all works under this contract. The tendering authority has no liability for losses due to safety lapses. The material loss of the tendering or any associated party should be compensated by the contractor for losses due to safety lapses.
15. The contractor must follow the directives of the Green Tribunal during the whole working period in the site of work. Any violation caused under the said Tribunal would be the liability of the Contractor or his Firm. At the same time, all instruction by Central/State government regarding COVID-19 must be strictly followed during the period of the work.
16. Once the work order is issued, the awarded work must be completed within the period mentioned in the work order. Any delay in the work completion beyond the fixed period would attract penalty @1% of the total cost of the order.
17. All documents including the tender copy should be self attested and have official stamp.
18. The tenderer reserves the right to amend/cancel the contract for the interest of the work. In case of such amendment, the tenderer will be notified.
19. The tenderer will not pay any charge against packing, forwarding, insurance, transporting, parking of machinery or any other such property of the bidder for the contracted work.
20. If awarded, a Performance Security, not more than 1% of the total final bid value would be acquired by the purchaser from the bidder.
21. All final payments will be made only after adjustment to any cost with the tenderer and inspection on satisfactory completion/installation of the work ordered.
22. All damaged or unutilized goods shall be taken back at bidders risk and cost and the any incidental damage incurred to institutional property shall be recovered from the concerned bidder.
23. The bids should be unconditional. Any conditions of the firm sent along with the bid shall not be binding on the tenderer.
24. Any grievances/issue should be addressed within 48 hrs from the opening of technical bid. Beyond this period, no grievances will be addressed. All grievances should be addressed to the tenderer at the email: poushmela2019@gmail.com. **Communication in any form to anyone other than tenderer will be treated as canvassing and such bidder will be outrightly rejected without any notice.**

25. The language of the bid should be English.
26. Tenderer reserves the right to impose liquidated damage as and when required; the rate of penalty will be at par with the same of the Govt. Of India's instruction.
27. Bank Commission where applicable will have to be borne by the bidder.
28. The decision of the tendering authority would be final.
29. All disputes subject to "Bolpur, Birbhum, W.B. Jurisdiction" only.


Nodal Officer 21/07/2020
Poush Mela
Santiniketan

TECHNICAL PROPOSAL SUBMISSION FORM

Date

LETTER OF BID

To
Nodal Officer
Poush Mela
Santiniketan -731235.

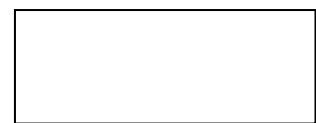
Ref: Invitation for Bid (ST/ 2020-21/T-1 Date: 21.07.2020)

We, the undersigned, declare that:

1. We have examined and have no reservations to the Bidding terms and conditions.
2. We offer to execute the order in conformity with the Bidding Documents.
3. Our bid shall be valid from the date fixed for the bid submission deadline in accordance with the Bidding Documents and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. If our bid is accepted, we commit to submit a performance security (if required) @1% of the total quoted value.
5. We also accept all the terms and conditions of this bidding document and undertake to abide by them, including the condition that you are not bound to accept the lowest bid or any other bid that you may receive within the due dates
6. By participating in the bidding process, we express our agreement to the bidding procedure by the tenderer.

Yours sincerely,

(Authorised Signatory*)



(Sign inside the box)

SEAL

*Full Name of authorised signatory
Designation

Invitation for Bid **Ref:** ST/ 2020-21/T-1 Date: 21.07.2020

TECHNICAL BID

Sl No.	Nature of the document	Remark if any
(i)	A proposal submission form as per Annexure III	
(ii)	Valid Contractor Registration Certificates or Proof of having worked/working with CPWD/Railways/MES/State PWD/other Govt. Organization/ Govt. Sector Construction Agency/Public Sector Undertaking & their Subsidiary	whichever is applicable.
(iii)	GST registration copy	
(iv)	Permanent Account number (PAN) copy and latest ITR-V	
(v)	Satisfactory completion certificate of at least one job similar in nature. The value of such job should be 60% of the estimate cost of the work.	
(vi)	Contractor firm has to submit complete audited balance sheet and statement of Profit & Loss for preceding three financial years and Certificate of practicing Chartered Accountant certifying his Annual Turnover and Profit After Tax for preceding three financial years. Or income tax details of the contractor for last three financial years.	
(vii)	Bar Chart duly signed	
(viii)	List of Plant & Machinery	
(ix)	Certificate of Registration with Registrars of Company (ROC) in case of Ltd. / Pvt. Ltd. company/PSU, if required.	
(x)	a) Affidavit for sole proprietary firm or b) Copy of Partnership deed of a partnership firm or c) Certificate of Incorporation, Memorandum of Association & Articles of Association for company along with resolution of the company for authorizing the Director/ authorised signatory to sign the document, if required	
(xi)	Electrical license, if applicable.	
(xii)	Valid Bank Details (Account No., Bank Name, MICR No, RTGS No. & copy of cancelled cheque)	
(xiii)	Submission of complete tender document, duly signed.	

I declare that the above information are supplied as per the requirement of NIT and I agree with the decision of the tenderer in case of any deviation is found to such requirements.

Signature,
Name & Stamp of Firm

Date:

Place:

ANNEXURE I

Estimate for: Construction of boundary wall along with gates at eastern side of Mela Ground, Santiniketan.

[Based on PWD Schedule w.e.f 1st November, 2017]

ID NO. WB/19-20/063
S2/069/19-20

Total length of boundary wall = 606.00 m.

Item No	Sch. Ref.	Description of Item	Unit	Qty.	Rate	Amount
1	1	2 Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. a) Depth of excavation not exceeding 1500 mm	Cu.m	468.00	119.27	55818.36
2	1	3 Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) a) With earth obtained form excavation of foundation	Cu.m	94.00	77.54	7288.76
3	34	22 Cement concrete with graded stone ballast (40 mm size excluding shuttering) - In ground floor Pakur Variety a) 1:3:6 proportion	Cu.m	5.00	4174.00	20870.00
4	47	3 Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	Sq.m	489.00	24.00	11736.00
5	42	36 Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed for every 4 m or part thereof) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In- Charge. i) In ground floor	Sq.m	538.00	328.00	176464.00
6	26	10 Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, as per relevant IS codes. Pakur variety a) In ground floor	Cu.m	91.00	5281.46	480612.86
					C.O. Rs.	752789.98

**Estimate for: Construction of boundary wall along with gates at eastern side of Mela
Ground, Santiniketan.**

[Based on PWD Schedule w.e.f 1st November, 2017]

Item No	Sch. Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 752789.98
7	43	40 Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (B) Tor steel / mild steel (other than SAIL/TATA) (i) In foundation, basement and upto roof of ground floor/upto 4 m	MT	9.10	55629.00	506223.90
8	15	8 Brick work with 1 st class bricks in cement mortar (1:6) (a) In foundation and plinth (b) In superstructure ground floor	Cu.m	224.00	4211.00	943264.00
			Cu.m	176.00	4434.00	780384.00
9	16	16 125 mm thick brick work with 1st class bricks in cement mortar (1:4) (a) In ground floor	Sq.m	136.00	588.00	79968.00
10	16	12 Projection of individual brick 12.5 cm x 7.5 cm x 6.5 cm to 12.5 cm projection from wall surface. (The rate covers the projection only, the embedded portion being including in the measurement of the wall against appropriate item)	Each	610.00	10.00	6100.00
11	104	13 M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs. (Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor) Grill weighing above 16 Kg./sq.mtr and above (i) In ground floor	Qntl.	62.00	7046.00	436852.00
12	99/100	1 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS:816-1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.				

C.O. Rs. 3505581.88

**Estimate for: Construction of boundary wall along with gates at eastern side of Mela
Ground, Santiniketan.**
[Based on PWD Schedule w.e.f 1st November, 2017]

Item No	Sch. Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 3505581.88
Contd. To item no. 12						
Payment to be made on the basis of calculated weight of structural members only in finished work as per IS specified weight. Payment for gusset, bracket, cleat, rivets, bolts and nuts may be made by adding the actual weight of such items with the weight of finished structural members or 7% of weight for finished structural members weighing not less than 22.5 Kg. / m. or 15 % of weight for finished structural members weighing less than 22.5 Kg. / m. may be increased allow for bracket, cleat, rivet, bolts and nuts etc. and no separate payment being made for these items, as per direction of Engineer In Charge. The rates are considered for a height of erection 8m. / 2nd floor level from the ground. Add 1.5% extra over the rate for each additional floor or 4m. beyond initial 8m. or part thereof.						
I. For structural members of specified sections weighing less than 22.5Kg./m.						
			MT	11.017	59119.00	651314.02
13	139	12 Supplying fitting and fixing I.R.C. fabric mesh with covering battens including cost of screws etc complete (excluding the cost of battens). In ground floor.				
		(f) 75mm x75mm x 4.5mm x 4.5mm.	Sq.m	606.00	274.00	166044.00
14	189	1 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints incl. throating, nosing & drip course, scaffolding/staging where necessary (ground floor) [excluding cost of chipping over concrete surface]				
A. In ground floor						
(i) With 6:1 cement mortar						
		(b) 20 mm. thick plaster	Sq.m	1455.00	151.00	219705.00
		(c) 15 mm. thick plaster	Sq.m	1177.00	133.00	156541.00
15	193	3 Extra for fluted, corrugated or ribbed plaster (over rate of corresponding rate of plaster). (Cement 0.135 Cu.m/100Sq.m)				
			Sq.m	1018.00	38.00	38684.00
16	196	8 Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured(matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC.				
One Coat						
		(a) In ground floor	Sq.m	2855.00	31.40	89647.00
						C.O. Rs. 4827516.90

**Estimate for: Construction of boundary wall along with gates at eastern side of Mela
Ground, Santiniketan.**

[Based on PWD Schedule w.e.f 1st November, 2017]

Item No	Sch. Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 4827516.90
17	197	15 Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. 1 coat in new surface (i) In ground floor	Sq.m	2855.00	34.00	97070.00
18	197	17 Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. Premium 100% Acrylic emulsion (Weathershield/Weathercoat/ Snowcryn XT/Apex) (i) In ground floor (Two coats)	Sq.m	2887.00	84.00	242508.00
19	200	1 (a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	Sq.m	1310.00	29.00	37990.00
20	200/201	2 Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (b) On steel or other metal surface With super gloss (hi-gloss) (iv) 2 coats (with any shade except white)	Sq.m	1310.00	79.00	103490.00
21	Analysis 265	Rate Making & fittingg, fixing ornamental RCC bracket (300 x 300 x 50 mm) for gate pillar.	Each	256.00	134.68	34478.08
						Rs. 5343052.98
Add GST @ 12.0%						(+ 641166.36
						Rs. 5984219.34
Add Labour Welfare Cess @ 1.0%						(+ 59842.19
						Total Rs. 6044061.53
						Say Rs. 6044062.00

ANNEXURE II

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
1	1-2	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. a) Depth of excavation not exceeding 1500 mm	Cu.m	40.00	119.27	4770.80
2	1-3	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation	Cu.m	15.00	77.54	1163.10
3	2-4B	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) - by fine sand	Cu.m	65.00	487.41	31681.65
4	8-11.C	Anti-termite treatment to the soil under floor with chemical emulsion by admixing chloropyrofos emulsifiable concentrate (1% concentration) with water by weight including drilling vertically 12mm. dia holes at the junction of floor and wall at 300mm. interval to reach the soil below using hand operated pressure pump to squirt chemical emulsion into the pump to squirt chemical emulsion into the holes at the rate of one litre per hole. The holes shall be sealed after operation to match with the existing floor. The entire work is to be carried out as per specification laid down in para 4.3.1.4 of code I.S. 6313 (Part-III)-1981.	Sq.m	130.00	93.00	12090.00
5	15-8	Brick work with 1 st class bricks in cement mortar (1:6) (a) In foundation and plinth (b) In superstructure ground floor (c) For 1st floor	Cu.m Cu.m Cu.m	35.00 40.00 12.00	4211.00 4434.00 4545.00	147385.00 177360.00 54540.00
6	16-16	125 mm thick brick work with 1st class bricks in cement mortar (1:4) (a) In ground floor (b) For 1st floor	Sq.m Sq.m	240.00 50.00	588.00 600.00	141120.00 30000.00
7	23-1	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering. In ground floor and foundation. (a) 1:3:6 proportion	Cu.m	35.00	3970.00	138950.00
					C.O. Rs.	739060.55

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 739060.55
8	24-4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, as per relevant IS codes. Pakur Variety (a) In ground floor	Cu.m	15.00	4714.66	70719.90
9	41-32	R.C. shelves (1:1.5:3) either precast or cast in situ with stone chips and necessary reinforcement upto 1% (0.8% main and 0.2% distribution bars), shuttering etc. and 10 mm. thick cement plaster (1:4) including neat cement finishing and cutting chase fitting and fixing in position, mending good damages as necessary complete. (i) 50 mm thick panels (SAIL)	Sq.m	10.00	941.00	9410.00
10	42-35	Extra rate for adding Polyester Fibre anti shrinkage material @ 0.25% by weight of cement [or as per Manufacturer's Specification] as secondary reinforcement to arrest hair crack in concrete including cost of Fibre .	Kg	50.00	414.00	20700.00
11	42-36	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (When the height of a particular floor is more than 4 m the equivalent floor height shall be taken as 4 m and extra for works beyond the initial 4 m ht. shall be allowed for every 4 m or part thereof) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In- Charge.				
		(i) In ground floor	Sq.m	200.00	328.00	65600.00
	42-36D	(ii) For 1st floor.	Sq.m	30.00	346.00	10380.00
12	43-40	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (A) Tor steel / mild steel (SAIL/TATA) (i) In foundation, basement and upto roof of ground floor/upto 4 m (ii) In 1st floor	MT	9.00	58103.00	522927.00
			MT	2.00	58533.00	117066.00
13	45-9	Extra rate for using water proofing and plasticising admixture @ 0.2% by weight of cement (or at manufacturer's specified rate) for concrete of various grades.	Kg.	40.00	119.00	4760.00
						C.O. Rs. 1560623.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
					B.F. Rs.	1560623.45
14	47-3	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	Sq.m	40.00	24.00	960.00
15	54-17	18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding & polishing as per direction of Engineer-in-charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m] (a) In ground floor	Sq.m	60.00	1000.00	60000.00
16	64-35	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.				
		FLOOR With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.				
	65-2	Area of each tile upto 0.09 Sq.m - 1st Floor				
		(i) Coloured decorative	Sq.m	50.00	731.00	36550.00
		(ii) Other than coloured decorative incl. white.	Sq.m	10.00	691.00	6910.00
		WALL With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.				
	65-2	Area of each tile upto 0.09 Sq.m - 1st floor				
		(i) Coloured decorative	Sq.m	55.00	740.00	40700.00
		(ii) Other than coloured decorative incl. white.	Sq.m	10.00	698.00	6980.00

C.O. Rs. 1712723.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 1712723.45
17	66-36	<p>Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @2.91 Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in- Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor.</p> <p>(l) With application slurry @1.75 kg/Sq.m, 20 mm sand cement mortar (1:4) & 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.</p> <p>In ground floor (A) Deep colour & white</p>	Sq.m	170.00	1676.00	284920.00
18	74-46	<p>Supplying and laying chequered tiles of any shade & of approved quality with (1:1½:3) cement concrete laid in panels or patterns as directed in pavement, footpath etc. including necessary underlay 25 mm thick [avg] cement mortar (1:3) complete in all respect with all labour and materials. [Using cement slurry @ 4.4 kg/Sq.m at back side and @2.4 kg/Sq.m for joint filling]</p> <p>Red Variety (ii) 30 mm thick</p>	Sq.m	50.00	484.00	24200.00
19	189-1	<p>Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints incl. throating, nosing & drip course, scaffolding/staging where necessary (ground floor) [excluding cost of chipping over concrete surface]</p> <p>A. In ground floor (i) With 6:1 cement mortar (a) 25 mm thick plaster (b) 20 mm. thick plaster (c) 15 mm. thick plaster (ii) With 4:1 cement mortar (b) 15 mm. thick plaster</p> <p>B. In 1st floor</p>	Sq.m	400.00	176.00	70400.00
			Sq.m	250.00	151.00	37750.00
			Sq.m	50.00	133.00	6650.00
			Sq.m	190.00	149.00	28310.00
						C.O. Rs. 2164953.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 2164953.45
Contd... Item No. 19						
(i) With 6:1 cement mortar						
		(a) 25 mm thick plaster (External / Internal)	Sq.m	40.00	180.00	7200.00
		(b) 20 mm. thick plaster (External / Internal)	Sq.m	25.00	155.00	3875.00
		(c) 15 mm. thick plaster (External / Internal)	Sq.m	10.00	137.00	1370.00
(ii) With 4:1 cement mortar						
		(a) 15 mm. thick plaster (External / Internal)	Sq.m	20.00	153.00	3060.00
20	192-15	Neat cement punning about 1.5 mm thick in wall, dado, window sills, floor, drain etc. (Note: Cement 0.152 Cu.m. per 100 sq.m.)	Sq.m	55.00	34.00	1870.00
21	195-7	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (a) One coat (ii) Solvent based interior grade Acrylic Primer	Sq.m	650.00	33.70	21905.00
22	196-8	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured(matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. One Coat (a) In ground floor (b) For 1st floor	Sq.m Sq.m	350.00 50.00	31.40 32.11	10990.00 1605.50
23	197-17	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. Premium 100% Acrylic emulsion (Weathershield/Weathercoat/ Snowcrl XT/Apex) (i) In ground floor (Two coats) (ii) In 1st floor & above (Two coats)	Sq.m Sq.m	350.00 50.00	84.00 84.71	29400.00 4235.50
24	201-4	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats) (ii) Luxury Quality	Sq.m	400.00	70.00	28000.00
25	204-5	(b) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand(1.5mm thick)	Sq.m	400.00	110.00	44000.00
						C.O. Rs. 2322464.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 2322464.45
26	212,213-21	Supplying, fitting & fixing UPVC pipes A-Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.				
		A) UPVC pipes				
		(ii) 110 mm dia.	Meter	40.00	251.00	10040.00
		(B) UPVC fittings				
		(a) Plain Tee				
		(ii) 110 Dia.	Nos.	6.00	172.00	1032.00
		(c) Bend 87.5 degree				
		(ii) 110 Dia.	Nos.	10.00	160.00	1600.00
27	Analysis	TATA steel pravesch door as per manufacture's specification. (final rate should be fixed as per current market rate.)				
		External door	Nos.	2.00	24500.00	49000.00
		Inernal door	Nos.	6.00	22000.00	132000.00
28	Analysis	TATA steel window as per manufacture's specification. (final rate should be fixed as per current market rate.)				
		1500mm X 1200mm	Nos.	8.00	25000.00	200000.00
		1000mm X 1200mm	Nos.	4.00	22000.00	88000.00
		700mm X 1200mm	Nos.	2.00	16000.00	32000.00

C.O. Rs. 2836136.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 2836136.45
29	2-1	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately)				
		A. For exposed work				
		(b)(ii) 20 mm dia medium quality	Metre	55.00	226.00	12430.00
		(c)(ii) 25 mm dia medium quality	Metre	18.00	305.00	5490.00
		(e)(ii) 40 mm dia medium quality	Metre	10.00	415.00	4150.00
		B. For concealed work				
		(b) 20 mm dia medium quality	Metre	60.00	266.00	15960.00
30	29-1	Supplying, fitting and fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS-15778: 2007 . with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials.				
		(a) For Exposed Work				
		(i) CPVC Pipes Class-1, SDR-11 (Dia) 25 mm	Mtr.	40.00	208.00	8320.00
31	36-2	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	Each	3.00	1015.00	3045.00
32	41-2	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillar cock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.				
		(ii) 550 mm x 400 mm size	Each	4.00	2208.00	8832.00
						C.O. Rs. 2894363.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
					B.F. Rs.	2894363.45
33	42-6	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets. (a) Sink only (ii) 630 mm X 550 mm X 180 mm	Each	1.00	3788.00	3788.00
		Supplying fitting and fixing pillar cock of approved make.				
34	45-19	(a)(i) CP pillar cock - 15 mm (equivalent to code no. 507 & model - tropical/something special of ESSCO or similar brand) (b) PTMT Pillar Cock - 15 mm. (Prayag or equivalent).	Each	12.00	555.00	6660.00
			Each	10.00	222.00	2220.00
35	79-2	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc. (b) With "S" trap	Each		1512.00	0.00
36	81-10	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete. (a) EWC (ii) Plastic (hallow type) white	Each	3.00	380.00	1140.00
37	87-1	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials. (i) With Pakur variety (SAIL/TATA/RINL)	Each	4.00	6207.00	24828.00

C.O. Rs. 2932999.45
B.F. Rs. 2932999.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
38	88-3	<p>Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the 100mm thick R.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C (1:1.5:3) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping</p> <p>out water as necessary, ramming, dressing the bed and refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials</p> <p>(ii) For 20 users (A) with Pakur variety (SAIL/TATA/RINL)</p>	No	1.00	41770.00	41770.00

C.O. Rs. 2974769.45

Construction of single storied building for SANTINIKETAN TRUST, Santiniketan.

Item No	Sch.Ref.	Description of Item	Unit	Qty.	Rate	Amount
						B.F. Rs. 2974769.45
39	89-4	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type)of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia (SAIL/TATA/RINL)	Each	1.00	13828.00	13828.00
						<u>2988597.45</u>
FOR ELECTRICAL WORKS @15% OF CIVIL WORK						<u>448289.62</u>
						TOTAL 2988597.45
ADD GST @ 18%						537947.54
ADD LABOUR WELL FARE CEASE @ 1%						29885.97
						<u>3556430.97</u>
SAY						<u>3556431.00</u>



**Estimated by
Jr. Engineer**

PROPOSED PLAN FOR OFFICE OF THE SANTINIKETAN TRUST

