

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY
SHIBPUR, P.O. Botanic Garden (Formerly Bengal Engineering And Science University)
HOWRAH (West Bengal, India)-711103**

Phone: 033 26681503, 033 26684561 Fax: 033 26682916

Tender No:-13/DY.REG./20-21

Date:-20.10.2020

Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for Supplying fitting fixing of UPVC lines and construction of inspection pit for rain water harvesting inside the campus of IEST, Shibpur.

The quotation will be received in the drop box at the Office of the Registrar, Stores & Purchase section between 11.00 a.m and 5.00 p.m on all working days latest by 02.11.2020. Opening on 03.11.2020 at 1.30 p.m.at the Office of the University Engineer.

REGISTRAR

Terms & conditions:-

1. All rates quoted should be inclusive of all taxes, levies & duties. The rate should be quoted both in figures and words.
2. The work should be executed carefully without damaging existing underground / overhead service lines (Water, Electricity, Sewerage lines)
3. Bidder should visit the site and assume the quantity of the work prior to submission of tender.
4. No advance payment can be made
5. The Order no is to be noted on both Challan & Bill
6. Payment will be made on submission of proper bill, Challan etc., by A/C payee cheque / NEFT. No cash payment will be made under any circumstances
7. Copies of the PAN Card & GST Registration Certificate and Trade License and Professional TAX Certificate should be attached with the quotation
8. Contractors / Bidders are requested to inspect the site before submitting the quotation.
9. Work should be completed within 15 days after receiving the work order.

Dy.Registrar,
(Stores & Purchase)
IEST, Shibpur

Copy forwarded for information and necessary action to:

1. Institute Website,
2. Notice board,
3. University Engineer.

BOQ FOR THE WORK OF: Supplying fitting fixing of UPVC lines and construction of inspection pit for rain water harvesting.

SI No	Description of items of work (Based on PWD schedule of rates w.e.f. 01.11.2017)	Unit	Unit Rate (Rs)	Quantity	Amount (Rupees)
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 c 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. (Page 87, item 1)	each	7080.00	2.000	14160.00
2	iii) Extra for each additional depth of 150 mm or part thereof beyond initial 600 mm depth. (Page 87, item 1 iii)	each	1342.00	4.000	5368.00
3	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 (A) (i) Single Socketed 3 Meter Length (c) 160 mm (Page 68, Item 23)	Mtr.	546.00	44.000	24024.00

4	Supplying, fitting and fixing PVC pipes for underground work of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials. No separate payment will be made for accessories, specials.) 200 mm (Page 13, Item 19 II)	Mtr	2716.00	16.000	43456.00
5	(ii) Plain Tee (c) 160 mm (Page 70, Item 23 B ii)	each	262.00	6.000	1572.00
6	(iii) Door Tee (b) 160 mm (Page 70, Item 23 B iii)	each	514.00	14.000	7196.00
7	ix) Bend 45° (c) 160 mm (Page 71, Item 23 B xvi)	each	293.00	2.000	586.00
8	xi) Door Bend (T.S.) (c) 160 mm (Page 71, Item 23 B xi)	each	369.00	1.000	369.00
9	xvi) Pipe Clip (c) 160 mm (Page 71, Item 23 B xvi)	each	43.00	36.000	1548.00

10	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials.(A) Above ground(Page 74, Item 24)				0.00
	(c) 160 mm	Mtr	66.00	44.000	2904.00
11	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. (Page 14, Item 1)	Sqm	355.00	12.000	4260.00
12	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering In ground floor and foundation. (a) 1:3:6 proportion (Page 23, Item 1)	Cum.	4633.00	1.200	5559.60
13	Brick work with 1st class bricks in cement mortar (1:4) (a) In foundation and plinth (Page 15, Item 7)	Cum.	5483.00	6.000	32898.00
14	Brick work with 1st class bricks in cement mortar (1:4) (a) In foundation and plinth (Page 15, Item 7) for pillar	Cum.	5483.00	0.750	4112.25
15	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (ii) With 1:4 cement mortar (b) 15 mm thick plaster (Page 15, Item 7)	Sqm	156.00	33.000	5148.00

16	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.NOTE:Cement 0.152 cu.m per100 sq.m.(PWD Page 192, Item 15	Sqm	34.00	33.000	1122.00
17	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety (PWD Page 26, Item 10 i)	Cum.	5657.27	1.500	8485.91
18	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) For works in foundation and upto roof of ground floor/upto 4 m (i) Tor steel/Mild Steel I. SAIL/ TATA/RINL (Page 43,44, item 40 a)	KG	58.10	70.000	4067.21
Total					166835.97
B. Add GST @ 12%					20020.32
Labour welfare cess@1%.					1668.36
C. Cost of work					188524.64

To qualify for award of the contract the bidder: -

(a) should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 1,00,000/- (Rupees one lakh only)

Security Deposit:

The employer shall retain 10% from each payment due to the contractor as security deposit which shall be released when the Period of Maintenance has passed and Engineer has certified that all defects notified by the Engineer to the Contractor before the end of this period have been corrected.

Period of Maintenance.

The "Period of Maintenance" for the work is twelve months from the date of taking over possession of the completed works or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer

I / We offer to execute the Works described in the Bill of Quantities of the Tender Document in your letter / tender no referred to above in accordance with the Conditions of Contract enclosed therewith at

_____ percentage above / below (*) the estimated rates, i.e. for a total Contract Price of Rs.

_____ [in figures] *Rs.

_____ [in words]" Authorized

Signature :

Date: _____