

Item Rate BoQ

Tender Inviting Authority: Commissioner, Thoothukudi City Municipal Corporation
 Name of Work : Constrution of Micro composting centre at Ganesh Nagar in West Zone Ward No 48 .
 File No: 3/22-23/EE(W)

Name of the Bidder/ Bidding Firm /							
PRICE SCHEDULE							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7	8
1	Earth work excavation for foundation in Hard stiff clay, stiff black cotton, hard red earth, shales murram, gravel,stone earth and earth mixed with small size boulders SS.20B and Sand, silt or other loose soil, wet sand,or silt not under water, light black cotton soil, sandy loam ordinary soil and to full depth as may be directed except in hardrock requiring blasting inclusive of shoring shuttering and baling out water and cleaning and levelling the site etc.	67.00	1M3 (One Cubic metre)			0.00	INR Zero Only

2	Plain Cement Concrete 1:4:8 (one cement four fine aggregates and eight coarse aggregates) using 40mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification	36.00	1M3 (One Cubic metre)			0.00	INR Zero Only
3	Plain Cement Concrete 1:2:4 (one cement Two fine aggregates and Four coarse aggregates) using 20mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification	26.00	1M3 (One Cubic metre)			0.00	INR Zero Only
4	Finishing the top of CC Pavement with power travel machine with smooth fi nish etc, complete as per standard specification	181.00	1M2 (One square metre)			0.00	INR Zero Only
5	Supplying and filling in foundation and basement with well gravel in layers of not more than 15cm.thick well rammed watered and compacted etc., complete complying with standard specification.	125.00	1M3 (One Cubic metre)			0.00	INR Zero Only

6	Centering for soffits of RCC slabs of plane surface like lintels, beams ,etc.,including strutting 3m high using mild steel sheets of size 90cm X 60cm X and B.G 10 stiffened with M.S angles of size 25mm X 25mm X 3mm laid over silver Oak (C.W) joists of size 10cm X 6.5cm (spaced at about 90cm c/c)and supported dy casurina props of 10cm to 13cm dia (spaced of 75cm C/C) complying with standard specification and directed						
6.01	Vertical Centering	77.00	1M2 (One square metre)			0.00	INR Zero Only
6.02	Column Centering	47.00	1M2 (One square metre)			0.00	INR Zero Only
7	Suppling and fabricating and placing in position MS (or) R.T.S. bar for reinforcement to all RCC works as per the design given including cost of steel and binding wire also in all floors.	2200.00	1Kg (One Kilogram)			0.00	INR Zero Only

8	Providing and laying in position Standardised Concrete Mix M-20 Grade in accordance with IS 456 - 2000 using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 3250Kg/ cum and maximum water cement ratio of 0.55 including admixture (Plasticiser / super plasticiser) in recommended proportions as per IS 9103 to accelerate, related setting of concrete, improve workability without impairing strength and durability with about (5.0cum), 7730Kg of 20mm machine crushed stone jelly and with about (3.3 cum), 5156kg of 10 - 12mm machine crushed stone jelly and with about (4.79cum) 7670 kg of sand, but excluding cost of reinforcement grill and fabricating charges centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary without claiming extra cost etc., complete complying with standard specification and as directed by the departmental officers - The Coarse and Fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials)						
8.01	Foundation & Basement	22.00	1M3 (One Cubic metre)			0.00	INR Zero Only
9	Brick work in CM 1:5 (one cement & five sand) using II Class Country bricks of size 8 3/4"X43/8"X 2 3/4" including finishing, curing, etc., complete complying with standard specification	67.00	1M3 (One Cubic metre)			0.00	INR Zero Only
10	Plastering with cement mortar (1:4) 20mm thick in all floors including cost and conveyance of all materials to site and labour charges etc, complete complying with standard specifications	317.00	1M2 (One square metre)			0.00	INR Zero Only

11	Plastering with cement mortar (1:5) 12mm ,thick in all floors including cost and conveyance of all materilas to site and labour charges etc,complete as per standard specifications	212.00	1M2 (One square metre)			0.00	INR Zero Only
12	Supplying, fabricating, erecting structural steel work for roofing welded or bolted type using MS channels, angles, plates and round bars etc. conforming to IS specification including primer coating as per Design given by the departmental officers etc, complete as per standard specification	9600.00	1Kg (One Kilogram)			0.00	INR Zero Only
13	Fabricating supplying and fixing of pre painted galvanized iron sheets with the following specification. The materials should be of PPGI tile profile with a red colour or any other approved design 0.47 mm thick 24 guage having width 1050 mm. The sheet should be G.I.base pre painted hot dipped galvanized iron sheet and to be fixed with shelf tapping screws,plastic washer.The washer and screws to be fixed by using minute power machine drilled with out damaging the sheets paint coating to be regular modified polyster coat with zinc coating of Z 120 GSM paint thickness the finish should be terra cotta finish like malabar mangalore tiles finish optional matt finish. The sheet to be fixed with making suitable corrugated,cutting the sheet in to the required ssize and making ornamental designs as per the site condition and as directed by the departmental officers.	468.00	1M2 (One square metre)			0.00	INR Zero Only
14	Supply and fixing of weld mesh of size 75mmx50mm 10 guage the rate includes all cost and conveyence of materials and labour charges etc., complete	161.00	1M2 (One square metre)			0.00	INR Zero Only

15	Supplying and Erecting Pull and Push Type Rolling Shutter with ISI make of approved size and section using 18 GI sheet. The shutter shall be painted with one coat of red oxide primer and the rate is inclusive Gear Operated Type (from 8 sqm. to 12 sqm. Area)	12.00	1M2 (One square metre)			0.00	INR Zero Only
16	Painting two coats with ready mixed Interior Emulsion Paint approved quality and colour including thorough scrapping, clean removal of dirt, etc complete and including necessary plaster of paris, putty, wherever required etc, complete as per standard specification.	212.00	1M2 (One square metre)			0.00	INR Zero Only
17	Painting Two Coat with Ready Mixed Enamel Paint over the new Iron works of approved quality and colour without priming coat including the cost all materials etc.,complete, in all floors.	330.00	1M2 (One square metre)			0.00	INR Zero Only
18	Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch and making good of the open portion with suitable colour for PVC open light / fan Point (for electronic regulator) (5 points per coil) (SD 22)	20.00	1 Nos (One Numbers)			0.00	INR Zero Only
19	Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories in flush with wall with 150mm x 100mm x 75mm MS switch box with 3mm thick hylum sheet cover for 5A 3pin non interlocking CS plug with continuous earth wire open of 14 SWG TC wire and making good of the open portion with suitable colour for concealed plug point (SD 36)	5.00	1 Nos (One Numbers)			0.00	INR Zero Only

20	Wiring with 2 x 4 sq.mm. (56 / 0.3mm) PVC insulated single core unsheathed copper cable conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box for 15A 3 pin non interlocking CS plug with painting of suitable colour with continuous earth wire connection by 14 SWG TC wire for open power plug point (SD 39)	2.00	1 Nos (One Numbers)			0.00	INR Zero Only
21	Supply and fixing of single box type 4'36W fluorescent fitting complete with electronic ballast with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting (SD 87)	2.00	1 Nos (One Numbers)			0.00	INR Zero Only
22	Supply and fixing of 30Watt Led Street Light, the rate including all cost and conveyance, fitting etc., Complete	18.00	1 Nos (One Numbers)			0.00	INR Zero Only
23	Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated single core unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains (SD 70)	100.00	1 M (One Meter)			0.00	INR Zero Only
24	Internal and external Water Supply - P.V.C. Pipes (6Kg/SqCm) Supplying laying and jointing P.V.C pipes (6Kg/SqCm) of approved quality and best variety conforming to I.S.S & with I.S.I mark, of the following sizes including cutting , Fixing to PVC specials using Adhesive but excluding cost of such specials and fixing to wall with necessary teak - Wood Plugs,PVC Clamps and screws,making holes on the wall or drilling holes in roof and making good the dismantled portions to original condition with necessary brick work and plastering wherever necessary with necessary scaffolding charges.						

24.01	20mm Dia PVC Pipe	50.00	1 M (One Meter)			0.00	INR Zero Only
24.02	25mm Dia PVC Pipe	150.00	1 M (One Meter)			0.00	INR Zero Only
24.03	63mm Dia PVC Pipe	100.00	1 M (One Meter)			0.00	INR Zero Only
24.04	110mm Dia PVC Pipe	100.00	1 M (One Meter)			0.00	INR Zero Only
24.05	63mm Dia PVC Cowl	18.00	1 Nos (One Numbers)			0.00	INR Zero Only
24.06	63mm Dia PVC TEE	18.00	1 Nos (One Numbers)			0.00	INR Zero Only
25	Suppling and fixing of Ball Valve, the rate includes all cost and conveyance	9.00	1 Nos (One Numbers)			0.00	INR Zero Only
26	Supply and fixing of PVC. Nahini / Floor Trap with stainless Steel Gratings - 100 mm x 75 mm including all charges etc, complete as per standard specification.	18.00	1 Nos (One Numbers)			0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					