

### **BILL OF QUANTITIES**

The approximate Bill of Quantities is indicated below to give an idea of the work which should be executed in accordance with the approved drawings and specifications to enable the bidder to furnish the lump sum price. Bidders may, however, note that no variation in the lump sum cost is acceptable (except where extra items are ordered by the Engineer).

**Contract Title:** OFD works for the work of Rehabilitation and modernisation of 1 Tank in Tiruchengode Block & Taluk, 1 Tank in Pallipalayam Block of Kumarapalayam Taluk in Namakkal District, 1 Tank in Tharamangalam Block of Omalur Taluk of Salem District in Mettur to Noyyal Confluence Sub Basin. Est.Amt Rs.3.17372 Lakhs WE.No.09/2022-2023

Sl.No	Description of Work	Quantity	Unit	Estimated Cost		Amount in Rs.
				In figure (Rs.)	In Words	
1	Earth work excavation for foundation in all soils and sub soils to full depth as may be directed except in hard rock requiring blasting but inclusive of shoring, strutting and baling out water wherever necessary and refilling the sides of foundation with excavated earth in layers of not more than 15cm thick, well rammed and consolidated and depositing the surplus earth within the compound in places shown by the departmental officers with initial lead and lift etc., complete complying with standard specifications and as directed by the departmental officers.	17.16 M <sup>3</sup>	1 M <sup>3</sup>	80.54	Rupees Eighty and Paise Fifty four Only	1382.07
2	Supplying and filling with M-Sand of each layers of not more than 15cm thick, well rammed, watered and consolidated etc., complete complying with standard specifications.	6.77 M <sup>3</sup>	1 M <sup>3</sup>	1629.54	Rupees One Thousand six hundred and twenty nine and Paise Fifty four Only	11031.99

3	Providing and placing Plain Cement Concrete M10 grade using crusher broken hard coarse aggregate (well graded) of nominal maximum size of 40mm and downgraded to I.S specified grading and M-Sand (To achieve the specified characteristic strength of 10N/mm <sup>2</sup> in 28 days) and mixing the ingredients in approved mixer including dewatering of the placement site by baling / pumping and diverting wherever necessary, placing concrete in layers and vibrating, water curing, finishing the surface with all leads and lifts etc.,complete complying with standard specification and as directed by the departmental Engineer.	6.64 M <sup>3</sup>	1 M <sup>3</sup>	4864.61	Rupees Four Thousand Eight Hundred and sixty four Paise Sixty one Only	32301.01
4	Providing and placing in position of plain Cement concrete of grade M15 using hard well graded aggregates with the nominal maximum size of coarse aggregate of 40mm (60%) and 20mm (40%); and M-Sand weigh batching the ingredients and mixing in approved mixers/batching plant (to produce concrete of the specified characteristic strength of 15 N/mm <sup>2</sup> at 28days) including dewatering the placement site by bailing/pumping and by diverting wherever necessary; laying the concrete in layers of not exceeding 15 cm thick and in bays; vibrating, compacting and finishing the surface with all leads and lifts; watering curing complete so as to attain the profile and strength specified in the approved drawing & specifications and including the cost component of providing rigid and smooth centering for soffits of concrete slab for plain surface including shuttering wherever necessary for various depths below ground level and various heights above ground level using MS sheets of size 90 x 60 cm and BG 10 gauge stiffened with MS Angles of size 25 x 25 x 3 mm laid over silver oak joist of size 7.50 x 5 cm, spaced at 90 cm C/C and supported by Casurina props of size 10 to 13 cm dia, spaced at 75 cm C/C etc., complete complying with standard specification as directed by the departmental officers .	14.09 M <sup>3</sup>	1 M <sup>3</sup>	12341.16	Rupees Twelve thousand three hundred and forty one and paise sixteen only	173886.94

5	Providing and placing in position of plain Cement Concrete of Grade M20 using HBGS aggregate with the nominal maximum size of coarse aggregate of 20mm and ingredients and mixing (to produce concrete of the specified characteristic strength of 20N/mm2 at 28days) including dewatering the placement site by baling/pumping and by diverting wherever necessary laying the concrete in layers of not exceeding 15cm thick and in bays, vibrating, compacting and finishing the surface with all leads and lifts; watering curing complete so as attain the profile and strength specified in the approved drawing & Specification and etc., complete complying with standard specification and as directed by the departmental Engineer.	2.14 M <sup>3</sup>	1 M <sup>3</sup>	6031.78	Rupees Six thousand thirty one and paise seventy eight only	12908.00
6	Supply of “NIE PLAST make fiberglass Reinforced Plastic (FRP) improved cut throat flume for accurate measurement of water flowing through open channels with prefabricated fiberglass lining, moulded engraved gauge marking in Lit/sec. and also in centimeter including discharge table, capacity, marking flow direction, pipe stiffener, hold fasts and sand treatment on the back side of flume.	4.00 Nos	1 No.	12906.00	Rupees Twelve Thousand Nine Hundred and Six Only	51624.00
	(Six items only)					283134.01
TOTAL						283134.01
(Rupees Two Lakhs Eighty Three Thousand One Hundred and Thirty Four Only)						(or) 283134.00

**GST should be shown separately**

We agree to execute the works in accordance with the approved drawings and technical specifications at ..... percentage above/below the estimated rates, i.e., for a total Contract price of Rs..... (amount in figures)(Rs..... amount in words).