

GENERAL ABSTRACT

Flood damaged rectification works in connecting main pipes and cables of Infiltration Well No.1,2 and Well No.3 in River palar at Kandaneri to Pavalathurai head works under CWSS to Chennankuppam and 26 other habitations in K.V.Kuppam union in Vellore district

Sl. No.	Schedule No	Name of Components	BOQ Value in Rupees
1	A 1	Flood Damage Rectification works in Infiltration well No.1,2,3, in River Palar at Pavalathurai Head works.	2051064.54
2	A 2	Maintenance of the scheme - Two months	0.00
		Total	2051064.54
		GST @18%	369191.62
		Grand Total	2420256.16

(Rupees Twenty Four Lakhs twenty thousand two hundred fifty six and paise sixteen only)

I/ WE AGREE TO EXECUTE ALL THE ABOVE COMPONENTS OF WORK AT
..... PERCENTAGE EXCESS / LESS OVER
THE DEPARTMENTAL VALUE MENTIONED ABOVE (THE PERCENTAGE SHOULD BE MENTIONED BOTH IN
FIGURES AND WORDS)

SCHEDULE - A 1

Flood damaged rectification works in connecting main pipes and cables of Infiltration Well No.1,2 and Well No.3 in River palar at Kandaneri to Pavalathurai head works under CWSS to Chennankuppam and 26 other habitations in K.V.Kuppam union in Vellore district

Item No	Description of Work	Probable Quantity		TNBP No. & Other Specification	Unit (Both in words and figures)	Rates in		Amount in figures
		Qty	Unit			Figures	Words	
1	2	3		4	5	6	7	8
I	Materials							
1	Supply and delivery of the following G I PIPES (MEDIUM) AS PER IS 1239/PART I/2004 and as amended from time to time with ISI marking suitable for water supply main including loading freight, transit, unloading and stacking them at stock yard etc. complete and as directed by TWAD Board Officers.			IS 1239/PART I/2004 and as amended from time to time				
a	125mm GI Pipe medium (IW no3: 450m)	450	M		1 M (One Metre)	1419.20	Rupees One Thousand Four hundred nineteen and Paise Twenty only	638640.00
2	Supply and delivery of the following of G.I. SPECIALS AS PER IS 1239/PART II and as amended from time to time with ISI marking including cost, loading, freight unloading and stacking at site etc. complete and as directed by the TWAD Board officers.			IS 1239/Part II and as amended from time to time				
a	125mm GI coupling	75	No		1No(One Number)	884.00	Rupees Eight hundren Eighty four only	66300.00
b	125mm GI Elbow	4	No		1No(One Number)	872.00	Rupees Eight hundren seventy two only	3488.00
3	Supply and delivery of 70 sq mm 3 core - I.t. Cables 3,3.5,4 core 1.1 kv grade armoured aluminium conductor cross linked poly ethylene insulated pvc sheathed cables conforming to is 7098 (part i)/1988 and as amended thereafter with ISI marking	1050	M		1 M (One Metre)	334.00	Rupees Three hundred thirty four only	350700.00

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II	CIVIL WORKS							
1	Earth work excavation deploying earth moving machineries for desilting channel having a width upto 3m and forming bund on either side and depositing the earth on banks including jungle clearance etc., complete.	2400.00	Cum	SS No.20B, 23 and Special Specification.	1 Cum (One cubic metre)	30.35	Rupees Thirty and paise thirty five only	72840.00
2	Earth work excavation and depositing on bank with initial lead of 10 m and lift of 2 M in narrow trenches having bed width 1.25m & below for laying of pipes for water supply and sewerage works in the Sand, silt or other loose soil, wet sand or silt not under water light black cotton soil, sandy loam and ordinary soil.SS20B of soils as directed by Departmental officers			SS No.20B, 23 and Special Specification.				
a	125mm GI Pipe medium (IW no3: 450m)	708.75	Cum		1 Cum (One cubic metre)	177.38	Rupees One hundred seventy seven and Paise thirty eight only	125718.08
3	Cutting of GI pipes			Special specification				
a	125mm GI	5	Nos		1No (One Number)	48.00	Rupees Fourty eight only	240.00
4	Threading of GI pipes							
a	125mm GI	10	Nos		1No (One Number)	96.10	Rupees Ninety six and paise ten only	961.00
5	Lowering GI pipes and specials in the trenches and laying to proper grade and alignment, jointing with GI Specials and as directed by the TWAD Officers							

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		Qty	Unit			Figures	Words	
1	2	3		4	5	6	7	8
a	125mm GI Pipe medium (IW no3: 490m)	450	M		1 m (One Metre)	25.71	Rupees Twenty five and paise sevenenty one only	11569.50
6	Refilling with excavated sand or other loose soil complying with standerd specification in layers of 15 cm thick well rammed and consolidated after pipes and specials are laid and tested.			SS 24,25 and Special Spn.				
a	125mm GI Pipe medium (IW no3: 490m)	708.75	Cum		1 Cum (One cubic metre)	36.95	Rupees Thirty six and paise ninety five only	26188.31
7	Cable laying under earth	1050	M		1 m (One Metre)	165.00	Rupees One hundred sixty five only	173250.00
8	Jointing the cable -70sqmm	6	Joint		1 Joint (On Joint)	330.00	Rupees Three hundred Thirty only	1980.00

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1	2	3		4	5	6	7	8
III	Anchorage arrangements for IW no.3 crossing the river (450/6=75)							
1	Supply and delivery of the following size of unplasticised PVC rigids pipes for potable water supply with ISI marking with necessary couplers (or) bell ended pipes as speified in ISI the requiredquantity of solvent cement and having the following working pressure. The cost of pipes should include loading, freight, transit, insurance, incidental charges, packing and unloading, stacking at site in good condition etc., complete and as directed by TWAD Board Officers. The test weight of pipe and hydraulic pressure should be carried out before use in work.							
a	110mm PVC 4Ksc pipe	450	M		1 m (One Metre)	158.50	Rupees One hundred fifty eight and Paise fifty only	71325.00
2	Drilling of borewells of size 4" to 5" dia. in sedimentary formation using hand boreset including insertion of casing pipe etc., and supplying and packing of pebbles (Conveyance of hand bore set including loading and unloading to be done by the contractor)	450	M		1 m (One Metre)	939.40	Rupees Nine hundred thirty nine and Paise fourty only	422730.00
3	Filling with river sand in the PVC pipe for anchoring arrangement							
a	110mm PVC 4Ksc pipe	2.25	Cum		1 Cum (One cubic metre)	993.34	Rupees Nine hundred ninety three and Paise thirty four only	2235.02
4	Supply and fabrication of steel rods for reinforcement including cost of steel rods, binding wire, cutting, bending, tying and placing in position etc., complete and as directed by TWAD Board Officers.			As per relevant specification				

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		Qty	Unit			Figures	Words	
1	2	3		4	5	6	7	8
a	For 12mm RTS rod	5.25	Qtl		1 Quintal (One Quintal)	8729.85	Rupees Eight thousand seven hundred twenty nine and Paise eighty five only	45831.71
5	PCC 1:2:4 (one cement two sand 4 HBS jelly) including mixing, placing concreteing and curing etc., complete and as directed by TWAD Board Officers.							
a	110mm PVC 4Ksc pipe	2.25	Cum		1 Cum (One cubic metre)	5944.19	Rupees Five thousand nine hundred fourty four and Paise nineteen only	13374.43
1	Hire charges for deploying earth moving machinery (Poclain)for earthwork, traceout the pipes for searching the dislocated pipes during the flood, collection and convayance to work spot, including fuel, oil and labour charges etc., complete and as directed by TWAD Board officers.	10	Hours	Special specification.	1 Hour (One Hour)	2050.00	Rupees Two thousand fifty only	20500.00
2	Dewatering using 5HP diesel engine pumpset including Hire charges, cost of Diesel, Engine oil, pump operator, labour charges, conveyance of pumpset and fuel to site and back, loading, unloading and any other incidental charges etc., complete.	10	Hours	Special specification.	1 Hour (One Hour)	319.35	Rupees Three hundred Nineteen and Paise thirty five only	3193.50
							TOTAL	2051064.54

SCHEDULE- A3

Flood damaged rectification works in connecting main pipes and cables of Infiltration Well No.1,2 and Well No.3 in River palar at Kandaneri to Pavalathurai head works under CWSS to Chennankuppam and 26 other habitations in K.V.Kuppam union in Vellore district

MAINTENANCE OF THE SCHEME

Item No	Description of work	Probable Quantity		TNBP No. Other specification	Unit (Both in words and figures)	Rates in		Amount in figures
						Figures	Words	
1	2	3		4	5	6	7	8
1	Maintenance of the project for the specified period by necessary maintenance crew with supervisory staff and keeping necessary specials required for Pumping main /Connecting main/Pump room / Pumpsets etc. readily available to ensure uninterrupted water supply to the beneficiary including all cost towards spares, consumables, chemicals, repairs and renewal excluding cost of electrical energy payable to TNEB during maintenance period which can be got reimbursed by the Employer etc complete as directed by TWAD Board officers	2	Months	Special Specification.	1Month (One month)	0.00	Rupees Nil Only.	0.00
	Total						Rs.	0.00