

Tender Inviting Authority: KERALA WATER AUTHORITY, PH SUBDIVISION, GURUVAYUR.

Work Name: Nagara Sanjaya Padhadi 2020-21 (Urban Agglomeration) - WSS to ward 3 of Porkulam Panchayath - PART 2 - Pump house, laying pumping main and allied works.

Tender No: 31-ET/AEE/GV/R/2021-2022

ACCEPTED SCHEDULE

Sl. No.	Item Description	Quantity	Units	Estimated Rate In Rs. P	TOTAL AMOUNT Without GST in Rs. P	TOTAL AMOUNT In Words
1	Supply and installation of Prefabricated Cabin Pumphouse and RCC Frame					
1.001	Supply of uPVC Pipe, IS 4985: 2000, 10kg/cm2, 75mm Dia.	440,000	metre	226.35	99594.00	INR Ninety Nine Thousand Five Hundred & Ninety Four Only
1.002	Supplying and Fixing 65mm GI Pipe DLPC-2019-2020	35,000	metre	455.89	15956.15	INR Fifteen Thousand Nine Hundred & Fifty Six and Paise Fifteen Only
1.003	Supply of uPVC Pipe, IS 4985: 2000, 6kg/cm2, 75mm Dia..	360,000	metre	144.60	52056.00	INR Fifty Two Thousand & Fifty Six Only
1.004	Inter connection with bore well With pumping main and pumping main to OH tank	2,000	No	5000.00	10000.00	INR Ten Thousand Only
1.005	Providing and fixing name board	1,000	No	5000.00	5000.00	INR Five Thousand Only
1.006	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil	4,600	cum	295.10	1357.46	INR One Thousand Three Hundred & Fifty Seven and Paise Forty Six Only

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1.007	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size)	0.800	cum	7166.48	5733.18	INR Five Thousand Seven Hundred & Thirty Three and Paise Eighteen Only
1.008	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:1:5:3 (1 cement 1.5 coarse sand :3 graded stone aggregate 20 mm nominal size)	6.531	cum	9028.86	58967.48	INR Fifty Eight Thousand Nine Hundred & Sixty Seven and Paise Forty Eight Only
1.009	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo-Mechanically Treated bars of grade Fe-500D or more	653.000	Kilogram	97.69	63791.57	INR Sixty Three Thousand Seven Hundred & Ninety One and Paise Fifty Seven Only
1.010	Centering and shuttering including strutting, etc. and removal of form for:Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	90.000	sqm	712.76	64148.40	INR Sixty Four Thousand One Hundred & Forty Eight and Paise Forty Only
1.011	15 mm cement plaster on the rough side of single or half brick wall of mix:	73.880	sqm	360.19	26610.84	INR Twenty Six Thousand Six Hundred & Ten and Paise Eighty Four Only
1.012	Colour washing such as green, blue or buff to give an even shade.:New work (two or more coats) with a base coat of white washing with lime	54.000	sqm	45.55	2459.70	INR Two Thousand Four Hundred & Fifty Nine and Paise Seventy Only

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1.013	Supplying and erecting RCC type precasted booth type Pump House of Size 1.50mx1.50mx2.00m with RCC roof Gabled/Flat having One door, 2Nos Ventilator using RCC Grls including supplying and erecting of RCC post of size 10x10x200cm for fixing pannel board including cost of materials transportation erection charges etc. with painting two coat enamel paint on new iron work and white washing two coats the wall of pump House etc. complete	1.000	No	50000.00	50000.00	INR Fifty Thousand Only
1.014	Supplying, installing and commissioning a of brand new electrically driven suitable bore well type submersible Pump setnot below 10 HP capacity(3 phase, 440 V), with all electrical accessories including suitable starter, capacitor etc. suction and discharge pipes, control and non-return valves etc- (including 10.00 m lifting pipe and suitable power cable) capable to discharge 2 LPS against a total head of 120 m, with a minimum manufacture warranty of 1 year and an extended warranty of 1 year (Excluding GST)	10.000	Hp	17001.56	170015.60	INR One Lakh Seventy Thousand and Paise Sixty Only

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2	Pipe line works					
2.001	Fencing one side of trenches, 1.50 m height with two rows of 10 cm plastic caution tape in vertical casuarina pole (girth 15cm to 24cm) fixed at 2 m intervals. (Data Prepared based on PWD SDB - Item No.1009)	250.000	metre	28.01	7002.50	INR Seven Thousand & Two and Paise Fifty Only
2.002	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil (Ref. Item No. 2.10.1 of DSR)	320.000	cum	555.51	177763.20	INR One Lakh Seventy Seven Thousand Seven Hundred & Sixty Three and Paise Twenty Only