

Name of Work: Deposit work 2018-19- Athirappilly Grama panchayath -Providing Pressure filter and platform for Nursarypadi Jahandhi
Kudivella Padhathy

Sl. No.	Qty	Description of work	Unit	Rate in	E - Tender No. 02/AEE/WSPSD/CKV/2021-22	
					Figures	Amount in words
		working charge and cost of materials				
1.01	3.750 cum	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	cum	218,058	817.72	INR Eight Hundred and Seventeen and Paise Seventy Two only
1.02	0.938 cum	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	cum	5869.06	5505.18	INR Five Thousand Five Hundred and Five and Paise Eighteen only
1.03	4.688 cum	Solid block masonry using pre cast solid blocks (Factory made) of size 40x20x15cm or nearest available size conforming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 15 cm in : CM 1:6 (1 cement : 6 coarse sand) etc complete	cum	5243.280	24580.50	INR Twenty Four Thousand Five Hundred and Eighty and Paise Fifty only
1.04	1.250 cum	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:1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	cum	7565.640	9457.05	INR Nine Thousand Four Hundred and Fifty Seven and Paise five only
1.05	2.000 sqm	Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	sqm	254.190	508.38	INR Five Hundred and Eight and Paise Thirty Eight only
1.06	200.000 kg	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or mor	kg	74.180	14836.00	INR Forteen Thousand Eight Hundred and Thirty Six only

1.07	11,250 kg	12 mm coarsest Mesh of MIN 1.4 (1 cement : 4 fine sand)	kg	236,670	2540.01	INR Two Thousand Five Hundred and Fifty Four only
1.08	1,000 No	Supply, erection, testing and commissioning of vertical MS cylindrical multi-Grade Pressure Filter with suitable accessories such as backstays, painted externally with epoxy enamel paint one coat, red oxide one coat, two coat enamel paint of approved color including cost of all float pipe works, valves, filter media and all other incidental works etc after constructing suitable size, basement and R/C platform for the pressure filter if necessary, including trial running with the following parameters: Model- Vertical, Dish end thickness-8 mm, Shell thickness-8 mm, Model-diameter-1000 mm, Bottom collector-100 mm, Aluminium flow rate-18 m ³ /hr, HOS-Sand, Pipe size-90 mm, Max working pressure-12 kg, Minimum working pressure-10 kg, Material construction-Mild Steel, Painting internal-Non-corrosive, Working hours-24 hrs, 50 mm Air valve-1 No, Pressure gauge having dia 100 mm-2 nos, Discharge-18m ³ /hr, Head-100 mm and providing chemical dosing unit of suitable size and make including all changes of concrete components and conveyance etc. including trial running-as per IS, with two years guarantee for pressure filter	No	381000.000	381000.00	INR Three Lakh Eighty Four Thousand only
		Tendered PAC		442254.860		INR Four Lakh Forty Two Thousand Two Hundred and Fifty Four and Paise Eighty Six only
		Tender deduction (18 % below)		79605.87		
		Accepted PAC		362649		INR Three Lakh Sixty Two Thousand Six Hundred and Forty Nine only

DIHVERSA MACHINES SERVICES
Contractor

Soni
Manager

Assistant Executive Engineer

Patel