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KERALA WATER AUTHORITY

**Office of the Superintending Engineer,
P.H.Circle, Kalmandapam, Palakkad**

No.KWA/PHC/PKD/JJM/19/Nellaya

Date : 22.09.2020

From

Superintending Engineer.

To

**Sri. Rishad.P.M
TEE PEE Residence
Thekkil Ferry P.O
Kasargode.**

Sir,

Sub : Jal Jeevan Mission 2020-21 - Providing FHTCs (4167 Nos) in Nellaya gramapanchayath - work order issuing - reg.

**Ref:- 1. Tender No.22/20 -21/SE/PHC/PKD dated 26.08.2020
2. Tender Sanction Proceedings No.KWA/CE/NR/D11/2020 /13921/2020 dated 16.09.2020 of the Chief Engineer, Northern Region, Kozhikkode.**

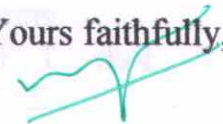
With reference to the above, you are informed that your tender for the above work has been accepted at estimate PAC of Rs. 4,26,97,756/- (Rupees Four crore twenty six lakh ninety seven thousand seven hundred and fifty six only) (excluding 12% GST). You are requested to attend this office on or before 06.10.2020 with stamp paper worth Rs.42,700/- (Rupees Forty two thousand seven hundred only) and security deposit mentioned below and execute the agreement and start the above work within a week after getting necessary instructions from the Executive Engineer, P.H. Division, Shornur.

Before executing the agreement on stamp paper you should deposit an amount of Rs.21,34,900/- (Rupees Twenty one lakh thirty four thousand and nine hundred only) 5% of agreed PAC as performance guarantee. At least 50% of this amount shall be furnished in the form of Treasury fixed deposit as per NIT, duly pledged in favour of the Superintending Engineer, PH.Circle, Kerala Water Authority, Palakkad, and rest shall be in the form of guarantee issued from any Nationalized Bank or Scheduled Bank or Kerala Financial Corporation or any other forms prescribed in the PWD manual as security for the fulfillment of the contract.

Any failure to this direction will result in further action as per NIT conditions. The work should be completed within 6 (Six) months from the date of award of the work.

As per the Government circular No 18/2019/Fin Dated 01/03/2019 , the contractor will be eligible for applicable GST over and above the quoted amount. The work has to be carried out as per the prevailing rules and regulations of Kerala Water Authority

Yours faithfully,


Superintending Engineer

Acc: Accepted schedule

Copy submitted to the Chief Engineer (NR), Kozhikkode,

Copy submitted to the Finance Manager & Chief Accounts officer, Jalabhavan, KWA, Thiruvananthapuram.

Copy submitted to the RAO, KWA, Thiruvananthapuram.

Copy to Agreement.

Copy to Executive Engineer, P.H. Division, Shornur.

Copy to M/s. CIPET : The Institute of Plastic Technology (IPT), You are directed to test the pipes as per supply order.

ACCEPTED SCHEDULE

Tender Inviting Authority: Superintending Engineer, P H Circle, Palakkad.

Name of Work: Appendix 19-Jala Jeevan Mission 2020-21 Providing FHTC to Nelaya Grama Panchayath in Palakkad District.

Tender No: 22/20-21/SE/PHC/PKD

Name of the Bidder/ Bidding	Rishad P M
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
1	2	4	5	6	53	54	55
1	Providing FHTCs with 20mm pipe						
1.001	Water Service Connection centage charges - up to 30m	4167.000	No	575.00	2396025.00	2396025.00	INR Twenty Three Lakh Ninety Six Thousand & Twenty Five Only
1.002	Additional Connection Fee for KWA for SME greater than 30m	200.000	No	500.00	100000.00	100000.00	INR One Lakh Only
1.003	Cost of Geo Tagging	4167.000	No	20.00	83340.00	83340.00	INR Eighty Three Thousand Three Hundred & Forty Only
1.004	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge /Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	75.000	cum	1306.73	98004.75	98004.75	INR Ninety Eight Thousand & Four and Paise Seventy Five Only
1.005	Providing casing pipe 32mm GI Pipe as casing pipe	100.000	metre	218.54	21854.00	21854.00	INR Twenty One Thousand Eight Hundred & Fifty Four Only
1.006	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	82.500	cum	7184.64	592732.80	592732.80	INR Five Lakh Ninety Two Thousand Seven Hundred & Thirty Two and Paise Eighty Only

1.007	<p>Providing 15mm (1/2 inch) house connection with 15mm water meter from existing PVC / HDPE mains up to 110 mm dia., up to a length of 5m using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984, 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, MTA, FTA, couplers, PVC Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.</p>	2500.000	Nos	5878.33	14695825.00	14695825.00	INR One Crore Forty Six Lakh Ninety Five Thousand Eight Hundred & Twenty Five Only
1.008	<p>Providing 15mm (1/2 inch) house connection with 15mm water meter from existing AC / GI mains up to 125 mm dia., up to a length of 5m using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984, 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, MTA, FTA, couplers, GI / MS Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges, including the cost of tested Class B Multijet water meter with ISI mark and weather resistant PP / PE meter box of minimum size 300mm x 200mm x 150mm, but excluding charges for cutting the concrete / tarred / bituminous roads etc, and as per the direction of the departmental officers.</p>	208 000	Nos	5991.23	1246175.84	1246175.84	INR Twelve Lakh Forty Six Thousand One Hundred & Seventy Five and Paise Eighty Four Only

1.009	<p>Providing 15mm (1/2 inch) house connection with 15mm water meter from existing PVC / HDPE mains from 140mm to 200mm dia., up to a length of 5 m using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, MTA, FTA, couplers, PVC Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges.</p>	1250.000	Nos	5970.68	7463350.00	7463350.00	INR Seventy Four Lakh Sixty Three Thousand Three Hundred & Fifty Only
1.01	<p>Providing 15mm (1/2 inch) house connection with 15mm water meter from existing AC / GI mains from 150mm to 200mm dia., up to a length of 5 m using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression / GM / Brass specials viz. brass ferrule, brass hexagonal nipple, GM full way wheel valve, bend, MTA, FTA, couplers, GI / MS Service Saddle of suitable size etc. and connecting with the mains, testing the joints etc. complete including trenching and refilling in all kinds of soil up to a depth of 1.50m for main line tracing and trench of average cross section 0.3m x 0.75m for laying connection pipe and service pipe, fixing water meter, lighting, watching, providing caution boards, traffic control etc. complete including cost of materials, hire for tools, cost of consumables and labour charges.</p>	209.000	Nos	6078.33	1270370.97	1270370.97	INR Twelve Lakh Seventy Thousand Three Hundred & Seventy and Paise Ninety Seven Only

1.011	Providing additional length of house connection pipe using 20 mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PN16 specials and testing the joints etc., by trenching and refilling in all kinds of soil with trench of average cross section 0.3m x 0.75m for laying of connection pipe and service pipe, lighting, watching, providing caution boards, traffic control etc., including cost of materials, hire for tools, cost of consumables and labour charges etc. complete, but excluding the cost of cutting of concrete / tarred / bituminous roads etc., and as per the directions of the department officers.	22500.000	metre	129.63	2916675.00	2916675.00	INR Twenty Nine Lakh Sixteen Thousand Six Hundred & Seventy Five Only
1.012	Providing 15mm PVC Tap in the water meter assembly for 15mm connection using 20mm Indian Standard Class 6 uPVC pipes and specials including cost of materials, consumables, hire charges for tools and labour charges etc. complete and as per the direction of departmental officers.	4167.000	Nos	406.58	1694218.86	1694218.86	INR Sixteen Lakh Ninety Four Thousand Two Hundred & Eighteen and Paise Eighty Six Only
1.013	Providing 15mm (1/2 inch) GM Air Valve in the water meter assembly for 15mm water connection, using 20mm (1/2 inch) PE Pipe, PE80, PN16, Conforming to IS 4984: 2016 or later edition and PP PN 16 Compression specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.	1400.000	Nos	954.23	1335922.00	1335922.00	INR Thirteen Lakh Thirty Five Thousand Nine Hundred & Twenty Two Only
1.014	Cutting the bituminous / concrete roads with cutting machine for a minimum depth of 200mm along the sides of proposed alignment of the pipe to be laid without causing any damage to other utilities, including the charges for hire and conveyance of tools and plant, cost of consumables and charges for lighting, watching, ribbon fencing, caution boards, traffic diversion, and as per the direction of departmental officers etc. complete, before carrying out the demolition of bituminous / concrete road by mechanical means and carrying out the excavation.	2000.000	metre	29.88	59760.00	59760.00	INR Fifty Nine Thousand Seven Hundred & Sixty Only
1.015	Dismantling manually / by mechanical means and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charge Bituminous road	2000.000	sqm	56.02	112040.00	112040.00	INR One Lakh Twelve Thousand & Forty Only
2	Street Main Extension						

2.001	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)	3850.000	cum	382.90	1474165.00	1474165.00	INR Fourteen Lakh Seventy Four Thousand One Hundred & Sixty Five 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, etc. and disposal of surplus excavated soil as directed based on PWD SDB - Item No.1009)	1650.000	cum	539.51	890191.50	890191.50	INR Eight Lakh Ninety Thousand One Hundred & Ninety One and Paise Fifty Only
2.003	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)	5000.000	metre	21.49	107450.00	107450.00	INR One Lakh Seven Thousand Four Hundred & Fifty Only
2.004	Laying UPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipe line to the lines and levels and joining the pipes and specials with solvent cement and testing the pipe line with water to the required test pressure (excluding cost of pipes and specials), 90 mm nominal outer dia pipes."	7000.000	metre	55.50	388500.00	388500.00	INR Three Lakh Eighty Eight Thousand Five Hundred Only
2.005	Laying UPVC pipes of class 2 to class 6 and specials, lowering to the trenches already made, placing in position aligning the pipe line to the lines and levels and joining the pipes and specials with solvent cement and testing the pipe line with water to the required test pressure (excluding cost of pipes and specials), 110 mm nominal outer dia pipes.	4000.000	metre	81.77	327080.00	327080.00	INR Three Lakh Twenty Seven Thousand & Eighty Only
2.006	Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. but excluding cost of pipes and fittings - External work. 80 mm dia nominal bore Data derived from item no.18.12.8 of DARData for 10 m	700.000	metre	134.25	93975.00	93975.00	INR Ninety Three Thousand Nine Hundred & Seventy Five Only

2.007	Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. but excluding cost of pipes and fittings - External work. 100 mm dia nominal bore Observed Data derived from item no.18.12 of DAR	300.000 metre	151.64	45492.00	45492.00	INR Forty Five Thousand Four Hundred & Ninety Two Only
2.008	"Conveying and fixing C.I. sluice valves (with cap) by providing complete with bolts, nuts, rubber insertions etc. excluding the cost of valve (the tail pieces if required will be paid separately) :80 mm diameter. Class I"Observed Data derived from item no.18.31 of DAR	20.000 Nos	437.03	8740.60	8740.60	INR Eight Thousand Seven Hundred & Forty and Paise Sixty Only
2.009	"Conveying and fixing C.I. sluice valves (with cap) by providing complete with bolts, nuts, rubber insertions etc. excluding the cost of valve (the tail pieces if required will be paid separately) :100 mm diameter. Class I"Data derived from item no.18.31.1.1of DAR	15.000 Nos	679.29	10189.35	10189.35	INR Ten Thousand One Hundred & Eighty Nine and Paise Thirty Five Only
2.01	Construction of granular sub- base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in- Charge. With material conforming to Grade-II (size range 53 mm to 0.075 mm) having CBRValue-25	450.000 cum	2726.25	1226812.50	1226812.50	INR Twelve Lakh Twenty Six Thousand Eight Hundred & Twelve and Paise Fifty Only
2.011	Inter connection of newly laid line with existing line of all classes and sizes of pipes including earth work, required pipe and specials etc complete as per direction	80.000 No	842.22	67377.60	67377.60	INR Sixty Seven Thousand Three Hundred & Seventy Seven and Paise Sixty Only
3	Cost of Materials					
3.001	Supply of PVC Pipe, 8kg/cm2, 90mm Dia.	7000.000 metre	234.90	1644300.00	1644300.00	INR Sixteen Lakh Forty Four Thousand Three Hundred Only
3.002	Supply of PVC Pipe, 8kg/cm2, 110mm Dia.	4000.000 metre	346.00	1384000.00	1384000.00	INR Thirteen Lakh Eighty Four Thousand Only
3.003	Supply of 100 mm GI Pipe (M)	300.000 metre	902.54	270762.00	270762.00	INR Two Lakh Seventy Thousand Seven Hundred & Sixty Two Only
3.004	Supply of 80 mm GI Pipe (M)	700.000 metre	594.50	416150.00	416150.00	INR Four Lakh Sixteen Thousand One Hundred & Fifty Only

3.005	Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000. Sluice Valve with Hand Wheel PN 1.6. Size 80mm.	20.000	No	3275.90	65518.00	65518.00	INR Sixty Five Thousand Five Hundred & Eighteen Only
3.006	Supply of CI Double Flanged Sluice Valve Conforming to IS 14846 - 2000. Sluice Valve with Hand Wheel PN 1.6. Size 100mm.	15.000	No	4368.05	65520.75	65520.75	INR Sixty Five Thousand Five Hundred & Twenty and Paise Seventy Five Only
3.007	Supply of GI (M)Specials- 5% of cost of GI pipes	1.000	set	34387.48	34387.48	34387.48	INR Thirty Four Thousand Three Hundred & Eighty Seven and Paise Forty Eight Only
3.008	Supply of PVC Specials - 3% of cost of PVC pipes	1.000	set	90850.00	90850.00	90850.00	INR Ninety Thousand Eight Hundred & Fifty Only
Total in Figures					42697756.000	42697756.000	INR Four Crore Twenty Six Lakh Ninety Seven Thousand Seven Hundred & Fifty Six Only
Quoted Rate in Figures			Excess (+)	6.880%	45635361.613	45635361.613	INR Four Crore Fifty Six Lakh Thirty Five Thousand Three Hundred & Sixty One and Paise Sixty One Only
Quoted Rate in Words		INR Four Crore Fifty Six Lakh Thirty Five Thousand Three Hundred & Sixty One and Paise Sixty One Only					
ACCEPTED AMOUNT		42697756.00					INR Four Crore Twenty Six Lakh Ninety Seven Thousand Seven Hundred & Fifty Six Only

CONTRACTOR


SUPERINTENDING ENGINEER

