

REGISTERED WITH AD.

KERALA WATER AUTHORITY

No. D2-1035/2021

Office of the Executive Engineer,  
P.H.Dn.,Irinjalakuda,Dt.: 27-05-2021

From

The Executive Engineer

To

Sri. Litty George,,  
Kozhikadan House,  
Padiyoor.P.O  
Irinjalakuda  
Thrissur-680688

Sir,

**Sub:- Jal Jeevan Mission 2020-21 – Thrikkur Grama Panchayath – App: 12B & 12 E - Pipe line extension to various wards and Providing WSC after augmentation**

Ref:-1) This office Re Tender No.56/EE/PHD/IJK/2020-21 due dt 5.3.2021

2) Proceedings No.KWA/PHC/TSR/D1-866/2021 Dtd.25-05-2021 of Se, PH Circle, Thrissur

3)AS No.GO(RT)No.541/2020/WRD Dtd.21-08-2020

With reference to the above, the Contractor Sri.Litty George,Kozhikadan House,P.O Padiyoor,Irinjalakuda,Thrissur-680688 is here by informed that his tender for the above work has been accepted at Rs 1,05,75,860.00/- ie 10% above the Estimate rate less cost of all departmental materials specified to be supplied and recovered at the rates given in the conditions of contract quoted by him. He is directed to attend this office on or before 11.06.2021 with required stamp paper(0.1% of accepted PAC) Stamp fee of Rs. 10600/- and **Post office time deposit Pass Book/National Savings Certificate** for the security mentioned below and execute an agreement and start the work within a week, after getting necessary instructions from the Sub Divisional Officers.

1.Before executing the Agreement on stamp paper, the contractor should submit a security deposit of Rs. 317300/- for the fulfillment of the contract. The E.M.D. will be released on production of Deposit Receipt. **The 50% of security deposit and Performance guarantee must be Treasury saving deposit compulsory & balance of Security Deposit and Additional Performance Guarantee as Treasury deposit/post office saving deposit/NSC deposit from nationalized bank for the fulfillment of the contract.**

2. Any failure in this directions will be liable to result in forfeiture of his special and permanent Earnest Money and the cancellation of the proposed contract and the contractor shall be liable to pay the Govt. the entire loss that may be caused to Govt. by the retender or re-arrangement of the work or otherwise consequent on the contractor's failure to execute the agreement for the work as provided for the clause-2 of the Notice inviting tenders and all such loss shall be recovered from him under the provisions of the Revenue Recovery Act or otherwise.

3. It must be understood that on no account the rates once fixed will be increased.
4. The work should be completed in **3 months**.
5. All the terms and conditions of the Notice inviting tenders and tender shall be binding on the contractor.

The accepted PAC will be limited to estimate rate if revised AS is not received from DWSM.  
All terms and conditions of the Notice Inviting Tenders and tender shall be binding on the contractor. You are directed to submit MOU from licensed plumber of KWA before executing the agreement. Since there is a direction from Hon'ble High Court that the functional household tap connections shall be carried out only through the KWA licensed plumbers. Also you are hereby informed that the accepted amount will be limited to the AS amount of the work ( approved by DWSM) if proposal for revised AS is rejected, since the quoted rate is above sanctioned AS.

Yours faithfully

*P. S. S. S.*  
EXECUTIVE ENGINEER

Copy to the Asst. Exe. Engineer, W W S Sub Dn. Chalakudy  
" Asst. Engineer, PH Section, Ollur.  
" Agreement/originally duplicate.

**DESPATCHED**

*S. M. S. S.*

KERALA WATER AUTHORITY P.H. DIVISION IRINJALAKUDA

ACCEPTED SCHEDULE

Name of work:- Jal Jeevan Mission 2020-21 – Thrikkur Grama Panchayath – App: 12B & 12 E - Pipe line extension to various wards and Providing WSC after augmentation

SI No.	Qty		Description of work	Unit	Rate in		Amount
					Figures	In Words	
1			<b>APPENDIX 12B - Pipe line extension to various wards</b>				
1.001	2700.000	cum	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)	cum	382.90	Rupees Three Hundred Eighty Two And Paise Ninety Only	1033830.00
1.002	1800.000	cum	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 :"Ordinary Rock. (Ref. Item No. 2.13.1 of DSR)	cum	539.51	Rupees Five Hundred Thirty Nine And Paise Fifty One Only	971118.00

1.003	4000.000	metre	Supplying and laying 90mm 6Kg/cm <sup>2</sup> UPVC pipes and specials, lowering to the trenches already made, placing in position aligning the pipe line to the lines and levels and jointing 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 6kgf/cm <sup>2</sup> ) nominal outer dia pipes	metre	209.69	Rupees Two Hundred Nine And Paise Sixty Nine Only	838760.00
1.004	5000.000	metre	Supplying ,Laying 63mm 6Kg/cm <sup>2</sup> UPVC pipes and specials, lowering to the trenches already made, placing in position aligning the pipe line to the lines and levels and jointing the pipes and specials with solvent cement and testing the pipe line with water to the required test pressure (Including cost of pipes and specials). 63 mm nominal outer dia ISI pipes.	metre	130.30	Rupees One Hundred Thirty And Paise Thirty Only	651500.00
1.005	300.000	metre	Supplying Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including cost of pipes and fittings - External work 80 mm GI Pipe (medium) with specials	metre	866.93	Rupees Eight Hundred Sixty Six And Paise Ninety Three Only	260079.00
1.006	800.000	metre	Supplying Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including cost of pipes and fittings - External work 50 mm GI Pipe (medium) with specials	metre	571.78	Rupees Five Hundred Seventy One And Paise Seventy Eight Only	457424.00
1.007	15.000	No	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore	No	982.82	Rupees Nine Hundred Eighty Two And Paise Eighty Two Only	14742.30
1.008	6.000	No	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :80 mm nominal bore	No	2515.70	Rupees Two Thousand Five Hundred Fifteen And Paise Seventy Only	15094.20

1.009	30.000	No	Taking connection from existing line of size 160mm to 200mm, using PVC specials including all earthwork excavation, re-filling etc, including cost of specials	No	1076.95	Rupees One Thousand Seventy Six And Paise Ninety Five Only	32308.50
1.01	30.000	No	Taking connection from existing line of size 50mm to 110mm, using PVC specials including all earthwork excavation, re-filling etc, including cost of specials	No	650.33	Rupees Six Hundred Fifty And Paise Thirty Three Only	19509.90
1.011	600.000	metre	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)	metre	21.49	Rupees Twenty One And Paise Forty Nine Only	12894.00
1.012	800.000	metre	Fencing 1.50m high with two rows of casuarina poles (girth 15cm to 24cm) tied with coir yarn on vertical casuarina pole (girth 15cm to 24cm) fixed at 1.5m intervals. NEW DATA (Prepared based on PWD SDB - Item No.1009)	metre	71.88	Rupees Seventy One And Paise Eighty Eight Only	57504.00
1.013	60.000	metre	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.	metre	29.88	Rupees Twenty Nine And Paise Eighty Eight Only	1792.80

1.014	30.000	sqm	Dismantling manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charge:Bituminous road	sqm	231.98	Rupees Two Hundred Thirty One And Paise Ninety Eight Only	6959.40
1.015	4.500	cum	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	cum	6457.33	Rupees Six Thousand Four Hundred Fifty Seven And Paise Thirty Three Only	29057.99
2			<b>APPENDIX 12E - Providing WSC after augmentation</b>				
2.001	470.000	Nos	Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing PVC / HDPE mains up to 110 mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, 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.	Nos	4678.77	Rupees Four Thousand Six Hundred Seventy Eight And Paise Seventy Seven Only	2199021.90

2.002	200.000	Nos	<p>Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing PVC / HDPE mains from 140mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, 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>	Nos	4878.77	<p>Rupees Four Thousand Eight Hundred Seventy Eight And Paise Seventy Seven Only</p>	975754.00
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2.003	100.000	Nos	<p>Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing AC / GI mains up to 125 mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, GI / MS / SS 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>	Nos	4791.67	<p>Rupees Four Thousand Seven Hundred Ninety One And Paise Sixty Seven Only</p>	479167.00
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2.004	30.000	Nos	Providing 15mm (1/2 inch) house connection with 15mm (1/2 inch) water meter from existing AC / GI mains from 150mm to 200mm dia., up to a length of 5 m using 20mm Indian Standard Class 6 uPVC pipe and uPVC / GM / Brass specials viz. brass ferrule, GM full way wheel valve, Elbow, MTA, FTA, couplers, GI / MS / SS 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.	Nos	4878.77	Rupees Four Thousand Eight Hundred Seventy Eight And Paise Seventy Seven Only	146363.10
2.005	800.000	Nos	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.	Nos	406.58	Rupees Four Hundred Six And Paise Fifty Eight Only	325264.00
2.006	800.000	Nos	Providing 20mm (1/2 inch) PVC Air Valve in the water meter assembly for 15mm connection, using 20mm Indian Standard Class 6 uPVC pipes and specials including cost of materials, consumables, hire for tools and labour charges etc. complete and as per the directions of the department officers.	Nos	335.75	Rupees Three Hundred Thirty Five And Paise Seventy Five Only	268600.00

2.007	1800.000	metre	Providing additional length of house connection pipe using 20mm Indian Standard Class 6 uPVC pipe and 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.	metre	120.33	Rupees One Hundred Twenty And Paise Thirty Three Only	216594.00
2.008	1500.000	metre	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.	metre	29.88	Rupees Twenty Nine And Paise Eighty Eight Only	44820.00
2.009	450.000	sqm	Dismantling manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer -in-Charge: Bituminous road	sqm	231.98	Rupees Two Hundred Thirty One And Paise Ninety Eight Only	104391.00
2.01	67.500	cum	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	cum	6457.33	Rupees Six Thousand Four Hundred Fifty Seven And Paise Thirty Three Only	435869.78

2.011	800.000	No	Geo tagging fee	No	20.00	Rupees Twenty Only	16000.00
						Tendered PAC Rs	9614418.86
						Tender 10% above	961441.89
						Total Accepted PAC Rs	10575860.75
Rupees One Crore Five Lakh(s) Seventy Five Thousand Eight Hundred Sixty And Paise Seventy Five Only							

Contractor

*P. S. S. S.*  
Executive Engineer