

KERALA WATER AUTHORITY
ACCEPTED SCHEDULE
JJM Phase I - Kaipamangalam Panchayath - CWSS to Nattika Firkka - Providing FITC to Rural households

Qty	Description of work	Unit	Rate in		Amount
			Figures	In Words	
1	<p>APPENDIX I -Retrofitting Connections</p> <p>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.</p>	E	4678.7700	Ruppes Four Thousand Six Hundred SeventyEight Paise SeventySeven Only	467877.00
2	<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>	E	4878.7700	Ruppes Four Thousand Eight Hundred SeventyEight Paise SeventySeven Only	121969.25

3	25.0000	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/Biass 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.	E	4878.7700	Rupees Four Thousand Eight Hundred Seventy Eight Paise Seventy Seven Only	60987.00
4	150.0000	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.	E	406.5800	Rupees Four Hundred Six Paise Fifty Eight Only	60987.00
5	150.0000	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.	E	335.7500	Rupees Three Hundred Thirty Five Paise Seventy Five Only	50362.50
6	600.0000	M	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.	meter	120.3300	Rupees One Hundred Twenty Paise Thirty Three Only	72198.00
7	0.9720	cum	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4) 1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	cum	7064.7200	Rupees Seven Thousand Sixty Four Paise Seventy Two Only	6866.91
8	150.0000	no	Geo tagging	E	20.0000	Rupees Twenty Only	3000.00

APPENDIX 2 KWA Charges

Amount remittance at KWA up to service line length 30m

APPENDIX 3- Augmentable Connections

no					
		E	575.0000	Rupees Five Hundred SeventyFive Only	862.00
	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.	E	4678.7700	Rupees Four Thousand Six Hundred SeventyEight Paise SeventySeven Only	467877.00
100.0000	nos				
		E	4878.7700	Rupees Four Thousand Eight Hundred SeventyEight Paise SeventySeven Only	121969.25
25.0000	nos				
	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.				

3	25,0000	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.	E	4878.7700	Rupees Four Thousand Eight Hundred SeventyEight Paise SeventySeven Only	121969.25
4	150,0000	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.	E	406.5800	Rupees Four Hundred Six Paise FiftyEight Only	60987.00
5	150,0000	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 departmental officers.	E	335.7500	Rupees Three Hundred ThirtyFive Paise SeventyFive Only	50362.50
6	2500,0000	M	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 departmental officers.	M	120.3300	Rupees One Hundred Twenty Paise ThirtyThree Only	300825.00

1	1150,0000	M ³	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)	M ³	981,9410	Rupees Three Hundred Eighty One Thousand Only	480,71.00
8	2300,0000	M	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 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) 50 mm nominal outer dia pipes.	M	99,3440	Rupees Twenty Nine Thousand Only	40,72.00
9	2300,0000	M	Supply of PVC Pipe, 6kg/cm ² , 50mm Dia.	M	47,2500	Rupees Four thousand Seven Hundred Five Only	9,66,75.00
10	1,0000	set	Cost of PVC specials 3%	M	3200,0000	Rupees Three Thousand Two Hundred Sixty Only	2500.00
11	6,1200	M ³	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth mm nominal size) level: 1:2:4) 1 cement : 2 coarse sand : 4 graded stone aggregate 40	M ³	7064,7350	Rupees Seven Thousand Sixty Four Paise Seventy Two Only	4,02,26.00
12	150,0000	no	Geo tagging	M ³	20,0000	Rupees Twenty Only	3,000.00
APPENDIX 4 KWA Charges							
1	150,0000	no	Amount remittance at KWA up to service line length 30m	E	575,0000	Rupees Five Hundred Seventy Five Only	86,250.00
2	75,0000	no	KWA additional connection fee for street main extension above 30 m	E	500,0000	Rupees Five Hundred Only	37,500.00
Total Accepted PAC							
Rs. 2907587.99							

Contractor

(Rupees Twenty Nine Lakh Seven Thousand Five Hundred Seven Paise, Ninety Nine only)