

## Abstract Estimate

**JJM:-Providing FHTC to households in Erattayar Panchayat from existing and ongoing schemes**

(Dsor year: 2016)

<b>1App A - Part I - Providing FHTC, from exiting pipe lines (Cost Index:48.71 %)</b>		
1	<p>100.60.14.4.2            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, 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>	
Net Total Quantity		50.000 Nos
Say 50.000 Nos @ Rs 6422.28 / Nos		<b>Rs 321114.00</b>
2	<p>100.60.14.1.2            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, 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>	
Net Total Quantity		50.000 Nos
Say 50.000 Nos @ Rs 6314.63 / Nos		<b>Rs 315731.50</b>

3	<p>100.60.2.4.2</p> <p>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.</p>	
Net Total Quantity		47.000 Nos
Say 47.000 Nos @ Rs 5232.46 / Nos		<b>Rs 245925.62</b>
4	<p>100.60.2.1.2</p> <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>	
Net Total Quantity		70.000 Nos
Say 70.000 Nos @ Rs 5232.46 / Nos		<b>Rs 366272.20</b>
5	<p>100.60.13.4.2</p> <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>	
Net Total Quantity		260.000 Nos
Say 260.000 Nos @ Rs 6335.18 / Nos		<b>Rs 1647146.80</b>

6	100.60.1.4.2 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.	
Net Total Quantity		425.000 Nos
Say 425.000 Nos @ Rs 5145.36 / Nos		<b>Rs 2186778.00</b>
7	100.60.13.1.2 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.	
Net Total Quantity		120.000 Nos
Say 120.000 Nos @ Rs 6222.28 / Nos		<b>Rs 746673.60</b>
8	100.60.1.1.2 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.	
Net Total Quantity		88.000 Nos
Say 88.000 Nos @ Rs 5032.46 / Nos		<b>Rs 442856.48</b>

9	100.60.12.3.1 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.		
		Net Total Quantity	1110.000 Nos
		Say 1110.000 Nos @ Rs 443.76 / Nos	<b>Rs 492573.60</b>
10	100.60.3.1.1 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.		
		Net Total Quantity	9450.000 metre
		Say 9450.000 metre @ Rs 134.23 / metre	<b>Rs 1268473.50</b>
11	100.60.15.1.1 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.		
		Net Total Quantity	7200.000 metre
		Say 7200.000 metre @ Rs 143.35 / metre	<b>Rs 1032120.00</b>
12	100.59.1 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.		
		Net Total Quantity	2372.000 metre
		Say 2372.000 metre @ Rs 33.91 / metre	<b>Rs 80434.52</b>
13	15.59 Dismantling of flexible pavement ( bituminous courses ) by mechanical means and disposal of dismantled material up to a lead of 1 kilo metre, as per direction of Engineer-in-charge.		
		Net Total Quantity	71.941 cum
		Say 71.941 cum @ Rs 304.11 / cum	<b>Rs 21877.98</b>

14	15.2.1 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)	
Net Total Quantity		29.625 cum
Say 29.625 cum @ Rs 1482.71 / cum		<b>Rs 43925.28</b>
15	4.1.5 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)	
Net Total Quantity		81.825 cum
Say 81.825 cum @ Rs 7326.94 / cum		<b>Rs 599526.87</b>
16	100.59.2 Refilling the trenches with a wet mix of close graded granular materials (Stone aggregate - 25mm nominal size - 17.5%, Stone aggregate - 10mm nominal size - 17.5%, Crushed Stone - 2.36mm to 12.5mm - 25%, Stone chippings / screenings - 4.75mm nominal size - 20%, Stone chippings / screenings - 150 micron nominal size - 20%), mixing properly after adding sufficient quantity of water, refilling in layers not exceeding 150mm, compacting properly at Optimum Moisture Content with Surface Plate Vibrator and disposing the excavated material etc. complete, including traffic control, providing caution boards and as per direction of Engineer-in-charge for road restoration works in pipeline leak sites.	
Net Total Quantity		5.850 cum
Say 5.850 cum @ Rs 6187.24 / cum		<b>Rs 36195.35</b>
17	100.59.3 Restoring the road surfaces by providing and laying factory made cold bitumen-aggregate pot-hole repair mix in twolayers of 25mm thick (total 50mm thick), by cleaning the surface with brooms etc. to remove dust/bebris/water etc, placing the premix, compacting properly with hand-rammer etc. complete, including traffic control, providing caution boards and as per direction of Engineer-in-charge for road restoration works in pipeline leak sites.	
Net Total Quantity		11.700 sqm
Say 11.700 sqm @ Rs 2364.71 / sqm		<b>Rs 27667.11</b>
18	od139159/2020_2021 Charges for Geo tagging and undertaking	
Net Total Quantity		1110.000 No
Say 1110.000 No @ Rs 20.00 / No		<b>Rs 22200.00</b>
<b>2App A - Part II - Application fee and Connection fee for providing water connection (Cost Index:48.71 %)</b>		
1	od139162/2020_2021 Charges for application fee, connection fee, meter testing fee etc for connections having length below 30 m	
Net Total Quantity		1100.000 No

Say 1100.000 No @ Rs 513.33 / No		<b>Rs 564663.00</b>
<b>3App A - Part III - Road restoration charges (Cost Index:48.71 %)</b>		
1	od106421/2020_2021 Road restoration charges for Berm cutting as per G.O.(Ms)No.59/2020/PWD dtd 30/7/2020	
Net Total Quantity		737.000 sqm
Say 737.000 sqm @ Rs 321.29 / sqm		<b>Rs 236790.73</b>
2	od133973/2020_2021 Road restoration charges for cutting 20mm open graded chipping carpet surface as per G.O(Rt) No.CE/R&B/ GL-RC/2/2019 Dated - 30.03.2019	
Net Total Quantity		265.320 sqm
Say 265.320 sqm @ Rs 3090.57 / sqm		<b>Rs 819990.03</b>
3	od106422/2020_2021 Road restoration charges for BM & BC road surface as per G.O.(Ms)No.59/2020/PWD dated 30/7/2020	
Net Total Quantity		10.453 sqm
Say 10.453 sqm @ Rs 3633.49 / sqm		<b>Rs 37980.87</b>
<b>4App B - Part I - Connections from the pipe lines of ongoing schemes (Cost Index:48.71 %)</b>		
1	100.60.14.4.2 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, 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.	
Net Total Quantity		150.000 Nos
Say 150.000 Nos @ Rs 6422.28 / Nos		<b>Rs 963342.00</b>

2	100.60.13.4.2 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.	
Net Total Quantity		150.000 Nos
Say 150.000 Nos @ Rs 6335.18 / Nos		<b>Rs 950277.00</b>
3	100.60.1.4.2 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.	
Net Total Quantity		150.000 Nos
Say 150.000 Nos @ Rs 5145.36 / Nos		<b>Rs 771804.00</b>
4	100.60.1.1.2 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.	
Net Total Quantity		50.000 Nos
Say 50.000 Nos @ Rs 5032.46 / Nos		<b>Rs 251623.00</b>

5	100.60.12.1.1 Providing 15mm CP Brass 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.	
Net Total Quantity		500.000 Nos
Say 500.000 Nos @ Rs 755.48 / Nos		<b>Rs 377740.00</b>
6	100.60.3.1.1 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.	
Net Total Quantity		3000.000 metre
Say 3000.000 metre @ Rs 134.23 / metre		<b>Rs 402690.00</b>
7	100.60.15.1.1 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.	
Net Total Quantity		3000.000 metre
Say 3000.000 metre @ Rs 143.35 / metre		<b>Rs 430050.00</b>
8	15.2.1 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)	
Net Total Quantity		5.940 cum
Say 5.940 cum @ Rs 1482.71 / cum		<b>Rs 8807.30</b>
9	4.1.6 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)	
Net Total Quantity		11.340 cum
Say 11.340 cum @ Rs 7159.72 / cum		<b>Rs 81191.22</b>
10	od139159/2020_2021 Charges for Geo tagging and undertaking	
Net Total Quantity		500.000 No



Say 500.000 No @ Rs 20.00 / No		<b>Rs 10000.00</b>
<b>5App B - Part II - Street main extension for house connection (Cost Index:48.71 %)</b>		
1	18.12.6 Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work50 mm dia nominal bore	
Net Total Quantity		1740.000 metre
Say 1740.000 metre @ Rs 509.63 / metre		<b>Rs 886756.20</b>
2	18.17.4 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore	
Net Total Quantity		3.000 No
Say 3.000 No @ Rs 1115.18 / No		<b>Rs 3345.54</b>
3	18.12.7 Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work65 mm dia nominal bore	
Net Total Quantity		2750.000 metre
Say 2750.000 metre @ Rs 671.72 / metre		<b>Rs 1847230.00</b>
4	18.17.5 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :65 mm nominal bore	
Net Total Quantity		5.000 No
Say 5.000 No @ Rs 1913.60 / No		<b>Rs 9568.00</b>
5	18.12.8 Providing and fixing G.I. pipes complete with G.I fittings including trenching and refilling etc. External work80 mm dia nominal bore	
Net Total Quantity		1100.000 metre
Say 1100.000 metre @ Rs 857.09 / metre		<b>Rs 942799.00</b>
6	18.17.6 Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :80 mm nominal bore	
Net Total Quantity		1.000 No
Say 1.000 No @ Rs 2854.49 / No		<b>Rs 2854.49</b>
<b>6App B - Part III - Application fee and supervision charges (Cost Index:48.71 %)</b>		
1	od139162/2020_2021 Charges for application fee, connection fee, meter testing fee etc for connections having length below 30 m	
Net Total Quantity		500.000 No

Say 500.000 No @ Rs 513.33 / No		<b>Rs 256665.00</b>
<b>7App B - Part IV - Road restoration charges (Cost Index:48.71 %)</b>		
1	od106421/2020_2021 Road restoration charges for Berm cutting as per G.O.(Ms)No.59/2020/PWD dtd 30/7/2020	
Net Total Quantity		147.400 sqm
Say 147.400 sqm @ Rs 321.29 / sqm		<b>Rs 47358.15</b>
2	od133973/2020_2021 Road restoration charges for cutting 20mm open graded chipping carpet surface as per G.O(Rt) No.CE/R&B/ GL-RC/2/2019 Dated - 30.03.2019	
Net Total Quantity		48.240 sqm
Say 48.240 sqm @ Rs 3090.57 / sqm		<b>Rs 149089.10</b>
3	od106443/2020_2021 Road restoration charges for concrete road surface as per G.O.(Ms) No.59/2020/PWD dated 30/7/2020	
Net Total Quantity		4.824 sqm
Say 4.824 sqm @ Rs 4887.00 / sqm		<b>Rs 23574.89</b>
Total		<b>19973681.92</b>
Centage @		<b>0.0%</b>
Centage Amount		<b>0.00</b>
Kerala Water Authority Provision for GST payments (in %) @		<b>12.0%</b>
Amount reserved for GST payments		<b>2396841.83</b>
Total & Centage		<b>22370523.76</b>
Lumpsum for round off		<b>9476.24</b>
<b>GRAND TOTAL Rs</b>		<b>22380000.00</b>
<b>Rounded Grand Total Rs 2,23,80,000</b>		
<b>Rupees Two Crore Twenty Three Lakh Eighty Thousand Only</b>		