

RAMAGUNDAM MUNICIPAL CORPORATION: PEDDAPALLI DISTRICT

ANNEXURE For NON- SOR Item Rates (some of works Items not available in Schedule of rates) from the reputed supplier/firms/agencies for Instrumentation, Automation & SCADA works, Pump Sets with different HP, Road Plantation work, Road Safety sign Boards in difference types and other road safety related Items of Ramagundam Municipal Corporation

Eoi Notice No.09/Eoi/EE/RMC/2026-27, dt: 27.10.2026

Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount (₹)
1		Supply & delivery of panel-mounted 96 mm x 48 mm online pH analyser with 4-digit display, as per Technical Annexure Item I	No	1		
2		Supply & delivery of panel-mounted 96 mm x 48 mm online chlorine analyser with 4-digit display, as per Technical Annexure Item II	No	1		
3		Supply & delivery of panel-mounted 96 mm x 48 mm online conductivity/TDS analyser with 4-digit display, as per Technical Annexure Item III	No	1		
4		Supply & delivery of panel-mounted 96 mm x 48 mm online turbidity analyser with 4-digit display, as per Technical Annexure Item IV	No	1		
5		Supply, laying and fixing of tubing for inlet/outlet of raw and clear water to analysers, as per Technical Annexure Item V	No	1		
6	a	Supply & delivery of separate-version electromagnetic flow meter, 50 mm dia, as per Technical Annexure Item VI	No	1		
6	b	Supply & delivery of separate-version electromagnetic flow meter, 80 mm dia, as per Technical Annexure Item VI	No	1		
6	c	Supply & delivery of separate-version electromagnetic flow meter, 100 mm dia, as per Technical Annexure Item VI	No	1		
6	d	Supply & delivery of separate-version electromagnetic flow meter, 150 mm dia, as per Technical Annexure Item VI	No	1		
6	e	Supply & delivery of separate-version electromagnetic flow meter, 200 mm dia, as per Technical Annexure Item VI	No	1		
6	f	Supply & delivery of separate-version electromagnetic flow meter, 250 mm dia, as per Technical Annexure Item VI	No	1		
6	g	Supply & delivery of separate-version electromagnetic flow meter, 300 mm dia, as per Technical Annexure Item VI	No	1		
6	h	Supply & delivery of separate-version electromagnetic flow meter, 350 mm dia, as per Technical Annexure Item VI	No	1		
6	i	Supply & delivery of separate-version electromagnetic flow meter, 400 mm dia, as per Technical Annexure Item VI	No	1		
6	j	Supply & delivery of separate-version electromagnetic flow meter, 450 mm dia, as per Technical Annexure Item VI	No	1		
6	k	Supply & delivery of separate-version electromagnetic flow meter, 500 mm dia, as per Technical Annexure Item VI	No	1		
6	l	Supply & delivery of separate-version electromagnetic flow meter, 600 mm dia, as per Technical Annexure Item VI	No	1		
6	m	Supply & delivery of separate-version electromagnetic flow meter, 700 mm dia, as per Technical Annexure Item VI	No	1		
6	n	Supply & delivery of separate-version electromagnetic flow meter, 800 mm dia, as per Technical Annexure Item VI	No	1		
7		Supply & delivery of ultrasonic/altitude level sensors, as per Technical Annexure Item VII	No	1		
8		Supply & delivery of pressure transmitter for water application, as per Technical Annexure Item VIII	No	1		
9		Supply, erecting, Testing & Commissioning of Out door type PLC/Controller based Automation and communication Panel fabricating with 16 SWG CR sheet, internal and external surface coating with Epoxy powder coating, making internal wiring with suitable wires including nomenclature. The panel is suitable for the Control & Monitoring the Level, Flow & Pressure and Quality Parameters and Communicating with Central SCADA for Auto logic, Local and Remote operation of the valves with specifications of fabricating with 16 SWG CR sheet, internal and external surface coating with powder coating, making internal wiring with suitable wires including nomenclature. The panel is suitable for the above operations with PLC/Controller, communication modules, HMI, Power back up and necessary modules and as per site conditions etc., complete charges including all material and labour and excluding of taxes and duties and as per SS and as directed by the department officer.	No	1		



Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount
10		Supply & delivery of 0.75 sq.mm, 4-core SS-braided and PVC-sheathed cable, as per Technical Annexure Item XXXII	RMT	1		
11		Supply & delivery of 4 sq.mm, 2-core PVC-sheathed cable, as per Technical Annexure Item XXXV	RMT	1		
12		Supply, erection, Testing & Commissioning of In door type Scada based RTU control panel for Operating and monitoring of the Raw Water and Clear Water Pumping stations in auto logic and manual operations including synchornize with SCADA and the specifications of fabricating with 16 SWG CR sheet, internal and external surface coating with Epoxy powder coating, arrangement of required PLC/ Controller, Ethernet Switch, Required I/O Modules and DI, DO modules, all components powered by 24 V. DC with necessary control MCB's, Relay cards, fixing of all termination with FTB's, Internal wiring by all power cables with suitable guage of Single core copper PVC sheathed cables and all communication cables with SS Brided cables, and the panel having logic for the following and erection with required civil works as per site conditions etc., complete charges including all materials and labour and excluding of taxes and duties and as per SS and as directed by the department officer.	No	1		
13		Providing, Installing and satisfactory field testing of Self Powered Pressure Monitoring Sensor with the specifications of DN 10, PN 0 to PN 16 range, fully body made up of composite material/ Brass/ Bronze, the metal Material that come in contact with the water supply shall withstand 2 ppm (Parts per million) of chlorine residual in the water supply and shall be resistant to corrosion, protection class of IP-68, 3.6 V.. DC, Lithium Battery, Life of 3 Yeras basis on six transmissions per day. The meter can fetch the pressure data in minimum 1 Minute interval (User selectable) and store the data up to 300 Logs with time stamp on FIFO basis with in the Meter and transmit data through JSON format to the data server via NB IoT/LoRa/LoRawan communication and the data management system can able to process the Pressure data to display as per the time stamp and generate the trends as per the user defined variables and fixing with suitable manifold including stop cocks etc., complete charges including cost and conveyance of all material, freight, transport and labour etc and excluding of GST etc., complete, and as directed by the dept., officer.	No	1		
14		Erection, testing and commissioning of DMA management unit including disjointing of existing pipeline / flange joints, taking out already laid DI/MS or any kind of pipe barrel piece, lifting the said pipe, cleaning & returning to the departmental store as per direction of the Engineer-in-charge and lowering, aligning & placing the flow Meter unit, jointing the same with fabricating of fittings, reducers, flanges with necessary MS material as per flow meter manufacturer standards and as per the site conditions with necessary lifting equipment, fabrication works, fixing with new Nuts, bolts and Rubber insertion with arrangement of necessary earth work excavations, MS clamp brackets, lifting equipment, retrofit works to complete the job as per site condition (Excluding cost of Meter, Valve & Expansion bellow etc.,) charges excluding cost of taxes and duties including cost and conveyance of all material including transport and labor etc., complete and as directed by the dept., officer.	No	1		
15		Integration of PLC panels with Developing necessary software's and programming as per field condition and user interface, communicated from each panel and integrated with central SCADA station charges excluding cost of taxes and duties including cost and conveyance of all material including transport and labor etc., complete and as directed by the dept., officer.	No	1		
16		Supply, erection, testing, commissioning of Hard ware for the SCADA system for Local control station where the SCADA room will be developed by the local ULB for operating & View from Service Reservoirs, DMA and AMI meter management where the instrumentation and automation developed under this project and synchronization by deploying the following components including cost and conveyance of all material, user licences, communication networks, etc., complete and as directed by the department officer.	Job	1		
17		Design, Development, Deploy, testing & commissioning of Firmware for the WEB based SCADA system for Local control station where the SCADA room will be developed by the local ULB for operating & View from Service Reservoirs, DMA and AMI meter management and where the instrumentation and automation developed under this project by synchronization with the field instruments, configuration with the following features including cost and conveyance of all material, user licences, communication networks, etc., complete and as directed by the department officer.	Job	1		

Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount (₹)
18		Supply, erection, testing, commissioning of Hard ware for the SCADA system for Central control station where the SCADA room will be developed by the local Circle for operating & View from Service Reservoirs, DMA and AMI meter management for entire circle where the instrumentation and automation developed under this project and synchronization by deploying the following components including cost and conveyance of all material, user licences, communication networks, etc., complete and as directed by the department officer.	Job	1		
19		• Design, Development, Deploy, testing & commissioning of Firmware for the WEB based SCADA system for Central control station where the SCADA room will be developed by the Circle for operating & View from Service Reservoirs, DMA and AMI meter management and where the instrumentation and automation developed under this project by synchronization with the field instruments, configuration with the following features including cost and conveyance of all material, user licences, communication networks, etc., complete and as directed by the department officer.	No	1		
20	a	Supply & delivery of MS dirt box with SS 304 mesh, 100 mm dia	Nos	1		
20	b	Supply & delivery of MS dirt box with SS 304 mesh, 150 mm dia	Nos	1		
20	c	Supply & delivery of MS dirt box with SS 304 mesh, 200 mm dia	Nos	1		
20	d	Supply & delivery of MS dirt box with SS 304 mesh, 300 mm dia	Nos	1		
20	e	Supply & delivery of MS dirt box with SS 304 mesh, 700 mm dia	Nos	1		
20	f	Supply & delivery of MS dirt box with SS 304 mesh, 800 mm dia	Nos	1		
21	a	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 50 mm dia	Nos	1		
21	b	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 80 mm dia	Nos	1		
21	c	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 100 mm dia	Nos	1		
21	d	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 150 mm dia	Nos	1		
21	e	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 200 mm dia	Nos	1		
21	f	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 250 mm dia	Nos	1		
21	g	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 300 mm dia	Nos	1		
21	h	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 350 mm dia	Nos	1		
21	i	Supply & delivery of DI D/F hydraulic diaphragm control valve for pressure/flow control at offtake point, 400 mm dia	Nos	1		
22	a	Supply & delivery of DI D/F hydraulic diaphragm control valve for pump control management point, 100 mm dia	Nos	1		
22	b	Supply & delivery of DI D/F hydraulic diaphragm control valve for pump control management point, 150 mm dia	Nos	1		
22	c	Supply & delivery of DI D/F hydraulic diaphragm control valve for pump control management point, 200 mm dia	Nos	1		
22	d	Supply & delivery of DI D/F hydraulic diaphragm control valve for pump control management point, 250 mm dia	Nos	1		
22	e	Supply & delivery of DI D/F hydraulic diaphragm control valve for pump control management point, 300 mm dia	Nos	1		
22	f	Supply & delivery of DI D/F hydraulic diaphragm control valve for pump control management point, 400 mm dia	Nos	1		
23	a	Supply & delivery of SS-body electrically actuated ball valve for vacuum pump management, 25 mm dia	Nos	1		
24		Providing and planting avenue trees of minimum 2.0 m height, including supply of healthy nursery-grown plants, excavation of 60 cm × 60 cm × 60 cm pits in ordinary soil, transportation, refilling, FYM application, planting, staking/support, formation of watering saucer and initial watering, complete as directed by Engineer-in-Charge. Planting at average spacing of 5m	5609	Nos		

Sl. No.	Sub-Item	Description	Unit	Qty	Rate (₹)	Amount
25		Providing rumble strips in the placement of intermittent raised bituminous overlay across the roadway. Raised sections can be 10 mm high (in 4 layers each of 2.5mm thick) , 200mm wide. A series of such strips roughly 15 at one location can caution the motorist sufficiently through combination of vibration and rumbling noise Since coarse textured overlays are more effective, the raised section should consist either of pre-mixed carpet or bituminous surface dressing complete as directed by the engineer.	42	Sqm		
26		Supplying & Fixing of Molded Shanks Raised Pavement Markers made of plastic body moulded from HIPS(HIImpact Polysterene) or ABS or ASA (Acrylic Strene Acrylonitrile and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kg tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.06. 1997. The height and width shall not exceed 20 mm and 130 mm with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30+/- 2 mm) from the body is to be a minimum value of 700 Kgs. Fixing will be by drilling holes on the road for the twin shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.	2142	Nos		
27		Supplying and installation of delineators (Roadway indicators) not less than 800mm high above ground level. The delineator shall have a core and shell construction which shall be made of tough, high impact resistant, injection-molded, thermoplastic outer body. The inner core shall consist of powder coated or painted Mild steel of minimum thickness 1.0mm. The delineator should have top retro-reflective unit consisting of white color micro prismatic non metallic retro-reflective sheeting of minimum exposed area of 125 cm2 and bottom retrorreflective unit consisting of red color micro prismatic non metallic retro-reflective sheeting of minimum exposed area of 35 cm2 confirming to ASTM D4956 type XI standards. The delineators shall be fixed to the ground by inserting the root of the delineator up to the marked portion and by firm concrete filling as per the instructions by engineer in-charge. Single side	21	Nos		
28		Providing and fixing Mandatory / Regulatory sign boards size 600 mm circle made out of Type – XI of ASTM D 4956-09 wide angle cube cornered micro Prismatic Retro reflective sheeting and confirming to IRC 67. 2012 for full background of White colour and letters/logos done by screen printing in Black colour, borders by screen printing in Red colour and fixed over 3MM Alluminium Composite Material sheet having minimum 0.30mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame of M.S angle 25x25x3mm all round and fixing with 35x35x4mm and mounted on a MS angle post of size 75x75x6mm with clear height of not less than 2.1 m from the ground level to the bottom of the board. The signpost should be painted with one coat of red oxide paint and 2 coats of synthetic enamel paint Black and White colour with bands of 30cm of height. The signpost shall be firmly fixed with MS base angle 35x35x4 mm in to the ground by M-15 Concrete foundation of size 450x450x600mm including cost and conveyance of all materials ,equipment, machinery and labour with all leads and lift, loading charges necessary for satisfactory completion of the work as directed by Engineer -in-Charge.	3	Nos		
29		Supply and Application of Alluminium Backed flexible prismatic sheeting (AFP) which shall be of 1ft width Sq ft) and laminated at the back with a 50 micron thick Aluminum (Al) foil with pressure sensitive adhesive and liner. Further, this flexible prismatic sheeting shall have screen printed arrow/slant line pattern in black color on top in a continuous roll format. Neither AFP sheeting nor the flexible prismatic sheeting used in it shall crack when slowly bent in 1 second time around a 1/8th inch mandrel after being conditioned for 24hrs at 0°C and tested as per section S2.2.2. of ASTM D 4956-09. The AFP sheeting, with the liner removed, shall be applied with a neoprene contact adhesive with Polychloroprene as base, viscosity of 200-450 cps and solid content of 20-30%. Once applied, the edges of the product shall be sealed all around with a two-part epoxy based structural adhesive and shall be extremely resistant to peel-off. A test report from institutes like ARAI/CRRRI confirming to above mentioned flexibility and ASTM-D4956-09 Type-VI retro reflectivity performance of the flexible prismatic sheeting used in AFP shall be submitted by the tenderer during prequalification and supply of material.	21	Sft		

Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount (₹)
30		Supplying and installation of Hazard Marker 300x900 mm using M.S. angle of size 55x55x6mm and 120cm high above ground level painted with two coats of black & white stripes of 15cm wide with first quality synthetic enamel paint over one coat of appropriate primer of approved brand, colour, with 30cm x 90cm Type – XI of ASTM D 4956-09 wide angle cube cornered micro Prismatic Retro reflective sheeting of Yellow colour and conforming to IRC 67:2012 fixed over 3MM Aluminium Composite Material having minimum 0.30 mm thick Aluminium skin on both sides with standard supports consisting of alternately black and Yellow with black stripes in screen printing sloping downward at an angle of 45 degrees towards the side of the obstruction on which the traffic is to pass and buried into the ground in a trench of size 30cm x 30cm and 50cm depth filled with CC M-20 including cost and conveyance of all materials, equipment, machinery and labour with all leads and lifts, loading and un-loading charges necessary for successful completion of the work on any road in division as directed by Engineer-in-Charge and conforming to IRC 67-2012 & MORT&H specification No.805 and approved drawings etc., complete for finished item of work.	4	Nos		
31		Providing and fixing Cautionary / Warning sign boards size 900 mm equilateral triangle made out of Type – XI of ASTM D 4956-09 wide angle cube cornered micro Prismatic Retro reflective sheeting and conforming to IRC 67:2012 for full background of White colour and letters/logos done by screen printing in Black colour, borders by screen printing in Red colour and fixed over 4MM Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame of M.S angle 25x25x3mm all round and fixing with 35x35x4mm and mounted on a MS angle post of size 75x75x6mm with clear height of not less than 2.1 m from the ground level to the bottom of the board. The signpost should be painted with one coat of red oxide paint and 2 coats of synthetic enamel paint Black and White colour with bands of 30cm of height. The signpost shall be firmly fixed with MS base angle 35x35x4 mm in to the ground by M-15 Concrete foundation of size 450x450x600mm including cost and conveyance of all materials ,equipment, machinery and labour with all leads and lift, loading chages necessary for satisfactory completion of the work as directed by Engineer -in-Charge.	1	Nos		
32		Providing & fixing junction boards of size 1500 x 1200 mm made out of Type – XI of ASTM D 4956-09 wide angle cube cornered micro Prismatic Retro reflective sheeting and conforming to IRC 67:2012 for full background of Green Colour & White Letters and fixed over 4MM Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame of M.S angle 25x25x3mm all round and fixing with 35x35x4mm and mounted on a MS angle post of size 75x75x6mm with clear height of not less than 2.1 m from the ground level to the bottom of the board. The signpost should be painted with one coat of red oxide paint and 2 coats of synthetic enamel paint Black and White colour with bands of 30cm of height. The signpost shall be firmly fixed with MS base angle 35x35x4 mm in to the ground by M-15 Concrete foundation of size 450x450x600mm including cost and conveyance of all materials ,equipment, machinery and labour with all leads and lift, loading charges necessary for satisfactory completion of the work as directed by Engineer -in-Charge.	1	Nos		
33		Hot applied thermoplastic compound	642	Litere		
34		Reflectorising glass beads	642	Kgs		

Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount
35		<p>Manufacture, Supply, Delivery, Erection, Testing and Commissioning of Clear Water Centrifugal Pumpset **2 (1W+1S) Nos.***, each having a discharge of **88 LPS** and rated head of **31 m***, with **100% standby***, operating at approximately **1450 RPM***, pump efficiency not less than **75%***, complete with **3-Phase, 415 V, 50 Hz, 50 HP / 22 kW***, TEFC squirrel-cage induction motor, suitable for continuous operation, **Class-F insulation, IP-55 protection, S1 duty***, suitable for ambient temperature up to 50°C, conforming to relevant IS/IEC standards, including suitable base frame, flexible coupling, coupling guard, foundation bolts, pressure gauges and all standard pump accessories.</p> <p>Including suitable **MCC/control panel** for the above pump sets, complete with suitable incomer, busbars, MCCBs/MCBs, motor starters/soft starter as required, overload and short-circuit protection, ammeter, voltmeter, selector switches, indication lamps, control circuits, internal wiring, cable glands, lugs and all accessories; including power and control cables from panel to pump motors, laying, termination and testing as per site conditions.</p> <p>Including fabrication, supply and fixing of suitable **MS suction and delivery manifolds, flanges, bends, reducers, supports and specials***, fabricated from IS 2062 Grade-A/B plates, complete with nuts, bolts, gaskets, welding and painting; including suitable **sluice valves and non-return valves** on delivery side, suction-side isolation valves and all necessary fittings.</p> <p>Including providing and laying suitable **M30 grade RCC foundation***, anchor bolts, grouting, alignment, erection, testing and commissioning of complete pump sets and all allied works, including earthing with GI/copper earth connections as per applicable IE standards, complete in all respects as directed by the Engineer-in-Charge.</p>	6	Job		
36		<p>Manufacture, Supply, Delivery, Erection, Testing and Commissioning of **Horizontal Split-Case Clear Water Centrifugal Pumpset 2 (1W+1S) Nos.***, each having a discharge of **76 LPS** and rated head of **44 m***, with **100% standby***, operating at approximately **1450 RPM***, pump efficiency not less than **75%***, complete with **3-Phase, 415 V, 50 Hz, 60 HP / 45 kW***, TEFC squirrel-cage induction motor, suitable for continuous operation, **Class-F insulation, IP-55 protection, S1 duty***, suitable for ambient temperature up to 50°C, conforming to relevant IS/IEC standards, including suitable base frame, flexible coupling, coupling guard, foundation bolts, pressure gauges and all standard pump accessories.</p> <p>Including suitable **MCC/control panel** for the above pump sets, complete with suitable incomer, busbars, MCCBs/MCBs, soft starter/VFD as required, overload and short-circuit protection, ammeter, voltmeter, selector switches, indication lamps, control circuits, internal wiring, cable glands, lugs and all accessories; including power and control cables from panel to pump motors, laying, termination and testing as per site conditions.</p> <p>Including fabrication, supply and fixing of suitable **MS suction and delivery manifolds, flanges, bends, reducers, dismantling joints, supports and specials***, fabricated from IS 2062 Grade-A/B plates, complete with nuts, bolts, gaskets, welding and painting; including suitable **sluice valves and non-return valves** on delivery side and all necessary fittings.</p> <p>Including providing and laying suitable **M30 grade RCC foundation***, anchor bolts,</p>	3	job		

(R)	Amount (₹)	Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount (₹)
		37		<p>Manufacture, Supply, Delivery, Erection, Testing and Commissioning of Clear Water Centrifugal Pumpset **2 (1W+1S) Nos.***, each having a discharge of **19 LPS** and rated head of **36 m***, with **100% standby***, operating at approximately **1450 RPM***, pump efficiency not less than **70%***, complete with **3-Phase, 415 V, 50 Hz, 15 HP / 11 kW***, TEFC squirrel-cage induction motor, suitable for continuous operation, **Class-F insulation, IP-55 protection, S1 duty***, suitable for ambient temperature up to 50°C, conforming to relevant IS/IEC standards, including suitable base frame, flexible coupling, coupling guard, foundation bolts, pressure gauges and all standard pump accessories.</p> <p>Including suitable **MCC/control panel** complete with suitable incomer, busbars, MCCBs/MCBs, DOL/soft starter, overload and short-circuit protection, ammeter, voltmeter, selector switches, indication lamps, control circuits, internal wiring, cable glands, lugs and all accessories; including power and control cables from panel to pump motors, laying, termination and testing as per site conditions.</p> <p>Including fabrication, supply and fixing of suitable **MS suction and delivery manifolds, flanges, bends, reducers, supports and specials***, fabricated from IS 2062 Grade-A/B plates, complete with nuts, bolts, gaskets, welding and painting; including suitable sluice valves and non-return valves and all necessary fittings.</p> <p>Including providing and laying suitable **M30 grade RCC foundation***, anchor bolts, grouting, alignment, erection, testing and commissioning of complete pump sets and all allied works, including earthing with GI/copper earth connections as per applicable IE standards, complete in all respects as directed by the Engineer-in-Charge.</p>	3	Job		
		38		<p>Manufacture, Supply, Delivery and Erection of Raw Water Pumpsets 3 (2W+1S) Nos of each 285 HP having combined discharge of 347.22 LPS and each pump Head of 50m with 50% standby when operated at 1475 RPM, Pump Eff:80 %, with 3 Nos of Solid shaft Motor of 55 KW / 75 HP, 1475 RPM, in frame : SC VSC 280 M suitable for operation on 415 volts +/-10%, 3Ph, 50Hz +/-5% and combined Variation of +/-10% a.c. Supply, Class 'F' insulated and Suitable of +/- 10% a.c. Supply. Class 'F' insulated and Suitable for ambient temperature up to 50 deg C. S1 duty (Continuous rated) IP55 Protection and performance in General conform to IS 325 etc including control panel suitable for above pump sets for 285 HP suitable incomer and complete fully automatic bus bar with Aluminium buddi, required capacity MCBs, Starters, Meters, Capacitors, control circuits with internal wiring with Indicator lamp of ISI make and proper earthing two sides with copper buddi to copper plate earthing as per IE standards including all accessories with Cables for Pumps to Panel Board & Panel Board to Transformer Yard as per site condition including Lugs, laying and installation etc., including fabrication and fixing of MS Special, Flanges, Suction and delivery and suitable manifold with MS plates conforming to IS 2062, Grade-'A'/'B' in suitable lengths including Nut & Bolts, Gasket, Welding, fixing etc., 400 mm dia sluice valves and Non Return valves on delivery side, laying fundation with M30 grade concrete for pumps, erection of pump Sets and required toolkit etc complete for finished item of work as directed by engineer-in-Charge.</p>	3	Job		

Sl. No.	Sub-item	Description	Unit	Qty	Rate (₹)	Amount (₹)
39		Manufacture, Supply, Delivery and Erection of Clear Water Pumpsets 3 (2W+1S) Nos of each 540 HP having combined discharge of 347.22 LPS and each pump Head of 95m with 50% standby when operated at 1475 RPM, Pump Eff:80 %, with 3 Nos of Solid shaft Motor of 55 KW / 75 HP, 1475 RPM, in frame : SC VSC 280 M suitable for operation on 415 volts +/-10%, 3Ph, 50Hz +/-5% and combined Variation of +/-10% a.c. Supply, Class 'F' insulated and Suitable of +/- 10% a.c. Supply. Class 'F' insulated and Suitable for ambient temperature up to 50 deg C. S1 duty (Continuous rated) IP55 Protection and performance in General conform to IS 325 etc including control panel suitable for above pump sets for 540 HP suitable incomer and complete fully automatic bus bar with Aluminium buddi, required capacity MCBs, Starters, Meters, Capaciters, control circuits with internal wiring with Indicator lamp of ISI make and proper earthing two sides with copper buddi to coper plate earthing as per IE standards including all accessories with Cables for Pumps to Panel Board & Panel Board to Transformer Yard as per site condition including Lugs, laying and installation etc., including fabrication and fixing of MS Special, Flanges, Suction and delivery and suitable manifold with MS plates conforming to IS:2062, Grade-'A'/'B' in suitable lengths including Nut & Bolts, Gasket, Welding, fixing etc., 400 mm dia sluice valves and Non Return valves on delivery side, laying foundation with M30 grade concrete for pumps, erection of pump Sets and required toolkit etc complete for finished item of work as directed by engineer-in-Charge.	3	Job		


 Commissioner (FAC)
 Ramagundam Municipal Corporation