

# Accepted Schedule

Working Authority: Executive Engineer, P&T Division, Kerala Water Authority

Work Name: State Plan 2022-23, UDSSMT - UMDS - Surveyor and Charakkad Municipations -

Supply, erection, testing and commissioning of centrifugal motor pump set having Discharge 147 LPS, Total head 70.22 mtrs & its accessories for Engineer's Borehole pump house

Contract No: 06/EE/P&T/SM/2022-23

Bidder Name:

## 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 giving tender. Bidders are allowed to enter the Bidder Name and Values only)

| Sl. No. | ITEM # | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QUANTITY | UNIT | ESTIMATED RATE | NUMBER & BASIC RATE in Figures To be entered by the Bidder | NUMBER & TOTAL AMOUNT Excluding GST | TOTAL AMOUNT in Words with end GST                |
|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|----------------|------------------------------------------------------------|-------------------------------------|---------------------------------------------------|
| 1       | 2      | Supply and erection of motor pump set                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4        | 0    | 0              | 1.3                                                        | 5.3                                 | 5.5                                               |
| 1.01    |        | centrifugal motor pump set                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.0000   | Nos  |                | 785000.0000                                                | 785000.00                           | THIR SEVEN LAKH EIGHTY FIVE THOUSAND ONLY         |
|         |        | Supply of best quality RWA prequalified brand new Indian make centrifugal pump sets with stainless steel shaft 1 1/2", bronze LTR2 open type impeller, Cast iron casing, bronze LTR2 neck ring, SS 410 sleeve, flanged column assembly ( column pipe thickness 10 mm) with all other accessories confirmed to IS with following specification: The pump set shall be supplied with motor specified.<br>Total Head - 70.22 m, Discharge - 147 lps, Efficiency - 70 % and above. Size of pumping main - 500 mm.<br>The pump set has to be connected to the existing pumping main. Vibration should be limited as per IS 9643 standard for pump sets.<br>Impeller should be dynamically balanced as per ISO 1940 grade 3 standard. Pump performance tolerance should be subject to Hydraulic Institute standard (Class A<br>(The negative tolerance in applicable in efficiency and no positive tolerance in power) |          |      |                |                                                            |                                     |                                                   |
| 1.02    |        | SECTION<br>Supply of best quality brand new Indian make SPTOR class speed squirrel cage 1.32 induction motor suitable for operations at 415 V/440 volts, 50 Hz, 3 Phase AC supply conforming to relevant IS specifications with IS2 mark, suitable for the above pump sets. The motor shall be energy efficient motor and supporting certificate documents to prove I.E.F.2 shall be attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.0000   | Nos  |                | 1622250.0000                                               | 1622250.00                          | ONE LAKH TWO TWENTY TWO THOUSAND TWO HUNDRED ONLY |

# Item Description

| Item No. | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quantity | Units | Estimated Rate | BASIC RATE<br>In Figures To<br>be entered by<br>the Bidder<br>Rs. p | TOTAL AMOUNT<br>Excluding GST | TOTAL AMOUNT<br>In Words with out GST  |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|----------------|---------------------------------------------------------------------|-------------------------------|----------------------------------------|
| 1.03     | STARTER<br>Supply of repaired make complete integrated soft starter panel capable of operating the motor having a protection level of IP 40 or more with integrated five phase contactor in the panel and motor protection relay having parameters as per IT rules with a power control MCCB and time power capacitor and the starting current shall be 2.5 to 3.5 times the normal full load current of motor with ammeter, voltmeter and phase indicators, space heaters, floor mounting type and having an insulation level of 1100 V (for 440 V supply) and 7.6 K V (for 3.3 K V supply) and 14.2 K V (for 6.6 K V supply) as per IS: 60047-1-2 | 1.0000   | No    |                | 485000.00000                                                        | 485000.00                     | INR Four Lakh Eighty Six Thousand Only |
| 1.04     | Supply of suitable size best quality M/S panel board of minimum 2mm thick for the above motor pump sets with voltmeter, ammeter, phase lamps, selector switches, main switch MCCB, ELCB as required for pump set and change over switch for operating above pump sets as per IT rules.                                                                                                                                                                                                                                                                                                                                                              | 1.0000   | Set   |                | 1950000.00000                                                       | 1950000.00                    | INR One Lakh Ninety Five Thousand Only |
| 1.05     | Supply of required make standard grade polyphase capacitor conforming to rules and IS specification with 1% earth suitable for above motor and providing pf as per KSEBL specification.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.0000   | No    |                | 420000.00000                                                        | 420000.00                     | INR Forty Two Thousand Only            |
| 1.06     | Supply of suitable size best quality heavy duty cast iron D/F valve PN-1.6 as per relevant IS specification with 1% earth suitable for above pump sets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.0000   | No    |                | 250000.00000                                                        | 250000.00                     | INR Twenty Five Thousand Only          |
| 1.07     | Supply of suitable size best quality heavy duty ductile iron D/F reflux / non return valve as per rules and IS specification with 1% earth suitable for above pump sets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.0000   | No    |                | 630000.00000                                                        | 630000.00                     | INR Sixty Three Thousand Only          |
| 1.08     | Supply of required make pressure gauge (minimum 150mm size) with stop cock and all other accessories suitable for above pump set.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.0000   | No    |                | 55000.00000                                                         | 55000.00                      | INR Five Thousand Five Hundred Only    |

PRICE

EST NO:2022/26502

| Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quantity                                                    | Units | Estimated Rate | BASIC RATE<br>In Figures To<br>be entered by<br>the Bidder<br>Rs. P | TOTAL AMOUNT<br>Excluding GST | TOTAL AMOUNT<br>In Words with out GST                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------|----------------|---------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------|
| 1.09 Erection and commissioning of the motor pump set with all accessories detailed above including necessary civil, electrical mechanical works, suitable concrete foundation, including fixing the starter, motor, panel board etc. installing all electrical items, wiring, earthing, giving connection etc. as directed by departmental officers as per IE rules and IS specification, interconnection with existing pumping main, fitting suction and delivery pipe and specials, sluice valve, reflux valves etc. complete and trial run for a period of 72 hrs as per the specification including all cost of cement and all other materials etc. complete.                                                               | 1.0000                                                      | Set   |                | 230000.0000                                                         | 230000.00                     | INR Two Lakh Thirty Thousand Only                           |
| 1.1 Supply, erection, testing and commissioning of 500mm electro magnetic flow meter conforming to protection level of IP-68 for Flow Sensor and IP-67 for transmitter and having an accuracy level of 0.5% with LED/LCD display unit. The flow meter should have the housing (flow sensor) to be made of SS 304/Carbon steel with antil corrosive protection and inside liner to be made up of hard rubber/neoprene all confirming to drinking water standards. The flow meter should coupled with HART for data acquisition and transfer with provision for wireless transfer through GSM. The manufacturers should have the calibration standards as per ISO 17025 and the product shall have sufficient warranty provisions. | 1.0000                                                      | No    |                | 580000.0000                                                         | 580000.00                     | INR Five Lakh Eighty Thousand Only                          |
| 1.11 Additional warranty of 1 years beyond the 2 years warranty for the pump set Total Warranty of 3 years .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.0000                                                      | No    |                | 20000.0000                                                          | 20000.00                      | INR Twenty Thousand Only                                    |
| Accepted Total in Figures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |       |                |                                                                     | 3454700.00                    | INR Thirty Four Lakh Fifty Four Thousand Seven Hundred Only |
| Accepted Rate in Words                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | INR Thirty Four Lakh Fifty Four Thousand Seven Hundred Only |       |                |                                                                     |                               |                                                             |



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