

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD  
VELLORE – TIRUVANNAMALAI CIRCLE, VELLORE – 6.**



**Name of Works : Outsourcing for Operation and Maintenance of the 1)CWSS To Kilpennathur Town Panchayat and 157 habitations in Kilpennathur Union and 2)CWSS to Vettavalam TP and Vaipur habitation in Tiruvannamalai District for the period from 01.06.2022 to 31.03.2023 (for 10 Months)**

**COVER – 2 (10 Sheets)**

**PRICE BID**

**SCHEDULE - A1**

**Name of Works : Outsourcing for Operation and Maintenance of the 1)CWSS To Kilpennathur Town Panchayat and 157 habitations in Kilpennathur Union in Thiruvannamalai district and 2)CWSS to Vettavalam TP and Vaipur habitation in Tiruvannamalai district for the period from 01.06.2022 to 31.03.2023 (for 10 Months).**

| S. No.       | Description of Work   | Quantity | Unit  | Rate (Both in figures and words)                                       | Amount (in Rs.)   |
|--------------|---|----------|-------|--|-------------------|
| <b>1.0.0</b> | <b>CWSS To Kilpennathur Town Panchayat and 157 habitations in Kilpennathur Union in Thiruvannamalai district</b>  |          |       |  |                   |
| 1.1.0        | Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protection of all scheme components from damages/ theft undertaking legal actions for such untoward incidents, preventive maintenance, disinfection and deliverance of water as per quality standards and supply of earmarked quantity of water to the beneficiaries as per Annexure ....., carrying out the O&M as per standard operating procedures, Acts and rules in force and as directed by TWAD Board Officers and excluding cost towards attending leak, burst repair and replacement works to electro mechanical installations consumables for disinfection of water, cleaning of all water retaining structure, electricity . | 682.072  | 1 MLD | 5671.68 Rupees Five Thousand Seven Hundred Nineteen and Paise One Only | 3868491.29        |
|              |   |          |       | <b>Total Rs. - I</b>   | <b>3868491.29</b> |
| 1.2.0        | Attending Leaks in the pipelines of this CWSS for the following items, as per the standard procedure including earthwork excavation, dewatering, removing, relaying, jointing, civil works, cost of materials and all other incidental charges, etc complete within the stipulated time limit as specified in Clause 2.6.4 of General conditions of Contract - Part II.   |          |       |  |                   |
| 1.2.1        | 50mm OD PVC 6 KSC pipes   | 1        | Nos   | 1110.00 Rupees One Thousand One Hundred Ten and Paise Zero Only        | 1110.00           |
| 1.2.2        | 63mm OD PVC 4 KSC pipes   | 1        | Nos   | 1068.00 Rupees One Thousand Sixty Eight and Paise Zero Only            | 1068.00           |
| 1.2.3        | 75mm OD PVC 6 KSC pipes   | 1        | Nos   | 1165.00 Rupees One Thousand One Hundred Sixty Five and Paise Zero Only | 1165.00           |
| 1.2.4        | 90mm OD PVC 4 KSC pipes   | 2        | Nos   | 1160.00 Rupees One Thousand One Hundred Sixty and Paise Zero Only      | 2320.00           |

| S. No. | Description of Work      | Quantity | Unit | Rate (Both in figures and words) |   | Amount (in Rs.) |
|--------|--------------------------|----------|------|----------------------------------|---|-----------------|
| 1.2.5  | 110mm OD PVC 4 KSC pipes | 5        | Nos  | 1565.00                          | Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only   | 7825.00         |
| 1.2.6  | 140mm OD PVC 4 KSC pipes | 5        | Nos  | 1748.00                          | Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only | 8740.00         |
| 1.2.7  | 160mm OD PVC 4 KSC pipes | 2        | Nos  | 1912.00                          | Rupees One Thousand Nine Hundred Twelve and Paise Zero Only       | 3824.00         |
| 1.2.8  | 150mm AC Pipe Leak       | 2        | Nos  | 3530.00                          | Rupees Three Thousand Five Hundred Thirty and Paise Zero Only     | 7060.00         |
| 1.2.9  | 150mm AC Pipe Cur Barrel | 2        | Nos  | 4900.00                          | Rupees Four Thousand Nine Hundred and Paise Zero Only             | 9800.00         |
| 1.2.10 | 200mm AC Pipe Leak       | 4        | Nos  | 3800.00                          | Rupees Three Thousand Eight Hundred and Paise Zero Only           | 15200.00        |
| 1.2.11 | 250mm AC Pipe Leak       | 15       | Nos  | 4100.00                          | Rupees Four Thousand One Hundred and Paise Zero Only              | 61500.00        |

| S. No. | Description of Work   | Quantity | Unit | Rate (Both in figures and words) |   | Amount (in Rs.) |
|--------|---|----------|------|----------------------------------|---|-----------------|
| 1.2.12 | 250mm AC Pipe Cur Barrel  | 5        | Nos  | 5500.00                          | Rupees Five Thousand Five Hundred and Paise Zero Only             | 27500.00        |
|        |   |          |      |                                  | <b>Total Rs. - II</b>   | 147112.00       |
| 1.3.0  | Rewinding of Motors in pumping stations iod in the Electrical, Mechanical and Elctro-mechanical items to bring back the scheme / components into normal running condition as per specification including all labour charges, cost of materials and all incidental charges within the stipulated time limit etc., complete as specified in Clause 2.8 of General conditions of Contract Part II.<br>Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete |          |      |                                  |   |                 |
| 1.3.1  | 3HP   | 1        | Job  | 14950.00                         | Rupees Fourteen Thousand Nine Hundred Fifty and Paise Zero Only   | 14950.00        |
| 1.3.2  | 5 HP  | 1        | Job  | 17750.00                         | Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only | 17750.00        |
| 1.3.3  | 7.5 HP  | 1        | Job  | 21050.00                         | Rupees Twenty One Thousand Fifty and Paise Zero Only              | 21050.00        |
| 1.3.4  | 10 HP   | 1        | Job  | 24400.00                         | Rupees Twenty Four Thousand Four Hundred and Paise Zero Only      | 24400.00        |

| S. No. | Description of Work  | Quantity | Unit | Rate (Both in figures and words) |  | Amount (in Rs.)  |
|--------|--|----------|------|----------------------------------|--|------------------|
| 1.3.5  | 25 HP  | 1        | Job  | 38350.00                         | Rupees Thirty Eight Thousand Three Hundred Fifty and Paise Zero Only | 38350.00         |
| 1.3.6  | 35 HP  | 1        | Job  | 47700.00                         | Rupees Forty Seven Thousand Seven Hundred and Paise Zero Only        | 47700.00         |
|        |  |          |      |                                  | <b>Total Rs. - III</b>   | <b>164200.00</b> |
| 1.4.0  | Supply , delivery and fixing of following Electrical items   |          |      |                                  |  |                  |
| 1.4.1  | Supply and fixing of 20 A to 30 A directly operated bimetallic thermal over load relay which operates in case of over load and also in case of under voltage with manual and auto reset model                            | 1        | Nos  | 2963.00                          | Rupees Two Thousand Nine Hundred Sixty Three and Paise Zero Only     | 2963.00          |
| 1.4.2  | Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 32 Amps rating conforming to IS / IEC 60947  | 1        | Nos  | 4343.00                          | Rupees Four Thousand Three Hundred Forty Three and Paise Zero Only   | 4343.00          |
| 1.4.3  | Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply   | 1        | Nos  | 1152.00                          | Rupees One Thousand One Hundred Fifty Two and Paise Zero Only        | 1152.00          |
| 1.4.4  | Supply and delivery of 100 Amps porcelain fuse (500v)  | 1        | Nos  | 340.30                           | Rupees Three Hundred Forty and Paise Thirty Only                     | 340.30           |
| 1.4.5  | Supply and fixing of 100 Amps three phase 500 V 4 pole change over switch  | 1        | Nos  | 5127.00                          | Rupees Five Thousand One Hundred Twenty Seven and Paise Zero Only    | 5127.00          |
| 1.4.6  | Charges for removing the burnt power capacitor and labour charges for fixing the new 2 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials. | 1        | Nos  | 315.00                           | Rupees Three Hundred Fifteen and Paise Zero Only                     | 315.00           |
|        |  |          |      |                                  | <b>Total Rs. - IV</b>  | <b>14240.30</b>  |

| S. No. | Description of Work   | Quantity | Unit | Rate (Both in figures and words) |  | Amount (in Rs.)   |
|--------|---|----------|------|----------------------------------|--|-------------------|
| 1.5.0  | Supply and delivery of the following Electrical Works : consumable items at the site of work to carryout the general maintenace works |          |      |                                  |  |                   |
| 1.5.1  | Volt Meter  | 1        | Nos  | 905.00                           | Rupees Nine Hundred Five and Paise Zero Only                               | 905.00            |
| 1.5.2  | Ammeter   | 1        | Nos  | 791.00                           | Rupees Seven Hundred Ninety One and Paise Zero Only                        | 791.00            |
| 1.5.3  | Bulbs ( LED / Tube / Incandescent / others)   | 1        | Nos  | 2502.00                          | Rupees Two Thousand Five Hundred Two and Paise Zero Only                   | 2502.00           |
| 1.5.4  | choke   | 1        | Nos  | 450.00                           | Rupees Four Hundred Fifty and Paise Zero Only                              | 450.00            |
| 1.5.5  | 5 HP Starter  | 1        | Nos  | 17355.00                         | Rupees Seventeen Thousand Three Hundred Fifty Five and Paise Zero Only     | 17355.00          |
| 1.5.6  | 10 HP Starter   | 1        | Nos  | 22070.00                         | Rupees Twenty Two Thousand Seventy and Paise Zero Only                     | 22070.00          |
| 1.5.7  | 15 HP Starter   | 1        | Nos  | 23938.00                         | Rupees Twenty Three Thousand Nine Hundred Thirty Eight and Paise Zero Only | 23938.00          |
| 1.5.8  | 25 HP Starter   | 1        | Nos  | 23938.00                         | Rupees Twenty Three Thousand Nine Hundred Thirty Eight and Paise Zero Only | 23938.00          |
|        |   |          |      |                                  | <b>Total Rs. - V</b>   | <b>91949.00</b>   |
|        |   |          |      |                                  | <b>Sub Total Rs. - I</b>   | <b>4285992.59</b> |

| S. No.       | Description of Work   | Quantity | Unit  | Rate (Both in figures and words) |   | Amount (in Rs.)  |
|--------------|---|----------|-------|----------------------------------|---|------------------|
| <b>2.0.0</b> | <b>CWSS to Vettavalam TP and Vaipur habitation in Tiruvannamalai district</b>   |          |       |                                  |   |                  |
| 2.1.0        | Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protection of all scheme components from damages/ theft undertaking legal actions for such untoward incidents, preventive maintenance, disinfection and deliverance of water as per quality standards and supply of earmarked quantity of water to the beneficiaries as per Annexure ....., carrying out the O&M as per standard operating procedures, Acts and rules in force and as directed by TWAD Board Officers and excluding cost towards attending leak, burst repair and replacement works to electro mechanical installations consumables for disinfection of water, cleaning of all water retaining structure, electricity . | 293.715  | 1 MLD | 2320.60                          | Rupees Two Thousand Three Hundred Forty and Paise Zero Only | 681595.03        |
|              |   |          |       |                                  | <b>Total Rs. - I</b>  | <b>681595.03</b> |
| 2.2.0        | Attending Leaks in the pipelines of this CWSS for the following items, as per the standard procedure including earthwork excavation, dewatering, removing, relaying, jointing, civil works, cost of materials and all other incidental charges, etc complete within the stipulated time limit as specified in Clause 2.6.4 of General conditions of Contract - Part II.   |          |       |                                  |   |                  |
| 2.2.1        | 200mm AC Pipe Leak  | 1        | Nos   | 3800.00                          | Rupees Three Thousand Eight Hundred and Paise Zero Only     | 3800.00          |
| 2.2.2        | 200mm AC PipeCut Barrel   | 1        | Nos   | 5200.00                          | Total Rs. - II  | 5200.00          |
|              |   |          |       |                                  |   | 9000.00          |

| S. No. | Description of Work   | Quantity | Unit | Rate (Both in figures and words) |  | Amount (in Rs.)   |
|--------|---|----------|------|----------------------------------|--|-------------------|
| 2.3.0  | Rewinding of Motors in pumping stations iod in the Electrical, Mechanical and Elctro-mechanical items to bring back the scheme / components into normal running condition as per specification including all labour charges, cost of materials and all incidental charges within the stipulated time limit etc., complete as specified in Clause 2.8 of General conditions of Contract Part II.<br>Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete |          |      |                                  | Rupees Twenty Four Thousand Four Hundred and Paise Zero Only         |                   |
| 2.3.1  | 10 HP   | 1        | Job  | 24400.00                         | Rupees Thirty Eight Thousand Three Hundred Fifty and Paise Zero Only | 24400.00          |
| 2.3.2  | 25 HP   | 1        | Job  | 38350.00                         | Rupees Thirty eight thousand three hundred and fifty only            | 38350.00          |
|        |   |          |      |                                  | <b>Total Rs. - III</b>   | 62750.00          |
|        |   |          |      |                                  | <b>Sub Total Rs. - II</b>  | 753345.03         |
|        |   |          |      |                                  | <b>Grand Total Rs.</b>   | <b>5039337.61</b> |

**Total Rs.5039337.61/-**

**Rupees Fifty lakhs Thirty nine thousand three hundred and thirty seven and Paise Sixty one only**

I/We, ..... hereby agree to execute the

above item of work at ..... % excess over / less then the value mentioned above.

1. The percentage filled by the contractor both in figures and words by using two decimal only .
2. If there is any discrepancy in percentage quoted in words and in figures, the lowest of the two will be considered.
3. If no percentage is quoted, the workers value will be taken as quoted price
4. If the contractor failed to score out the word either excess or less. The word less alone will be taken into consideration.