

COVER II

**CWSS to Koodapalli and 129 habitations in
Musiri and Manachanallur union in Trichy District
for the period from 16.06.2022 to 31.03.2023
(9.50 months)**

PRICE BID

CWSS to Koodapalli and 129 habitations in Musiri and Manachanallur union in Trichy District for the period from 16.06.2022 to 31.03.2023 (9.50 months)

GENERAL ABSTRACT.

| Sl. No. | Schedule No | NAME OF COMPONENT | AMOUNT IN RUPEES. |
|--|--------------------|---|--------------------------|
| 1 | A1 | Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures | 6,211,817.01 |
| 2 | A2 | Attending LEAKS and BURST of the Pipe lines | 224,732.81 |
| 3 | A3 | Carrying out the repair works of the Electrical, Mechanical and Electro-mechanical item | 75,100.00 |
| 4 | A4 | Cleaning of all storage points like sumps of various capacities | 307,484.94 |
| | | TOTAL | 6,819,134.76 |
| Rupees sixty eight lakhs nineteen thousands one hundred thirty four and paise only | | | |

I/WE AGREE TO EXECUTE ALL THE ABOVE COMPONENTS OF WORK AT

..... PERCENTAGE EXCESS/ LESS OVER THE DEPARTMENTAL

VALUE MENTIONED ABOVE (THE PERCENTAGE SHOULD BE MENTIONED BOTH IN FIGURES AND WORDS)

**CWSS to Koodapalli and 129 habitations in Musiri and Manachanallur union in Trichy District for the period from 16.06.2022 to 31.03.2023
(9.50 months)**

Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures

| S. No | Description of work | Quantity | Specifications | Unit | Rate | | Amount |
|-------|--|------------|----------------|--------------------|------------|--|--------------------|
| | | | | | in figures | in words. | |
| 1 | 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. | 765.85 MLD | | 1 MLD (One MLD) | 8111.01 | Rupees eight thousands one hundred eleven and paise one only | 6211817.009 |
| | TOTAL -A1 | | | | | | 6211817.009 |

CWSS to Koodapalli and 129 habitations in Musiri and Manachanallur union in Trichy District for the period from 16.06.2022 to 31.03.2023 (9.50 months)

Attending LEAKS and BURST of the Pipe lines

| S. No | Description of work | Quantity | | Specifications | Unit | Rate | | Amount |
|----------|---|----------|------|---|--------------------|------------|--|-----------|
| | | | | | | in figures | in words. | |
| 1 | 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. (The specifications for attending leaks has to be detailed based on the data prepared and rate approval obtained for each size and material of pipes. The specification has to be mentioned under the clause 1.7 of GCC - Part- I) | | | specified in clause 1.7 of GCC - Part- I) | | | | |
| I | For Minor Leak | | | | | | | |
| a | 250mm DI K7 CL | 7.00 | Nos. | | 1 No. (One Number) | 6321.83 | Rupees six thousands three hundreds twenty one and paise eighty three only | 44,252.81 |
| b | 160mm PVC 4 KSC | 15.00 | Nos. | | 1 No. (One Number) | 4121.00 | Rupees four thousands one hundred twenty one only | 61,815.00 |
| c | 140mm PVC 4 KSC | 11.00 | Nos. | | 1 No. (One Number) | 2772.00 | Rupees two thousands seven hundreds seventy two only | 30,492.00 |
| d | 110mm PVC 4 KSC | 9.00 | Nos. | | 1 No. (One Number) | 2477.00 | Rupees two thousands four hundreds seventy seven only | 22,293.00 |
| e | 90mm PVC 4 KSC | 10.00 | Nos. | | 1 No. (One Number) | 1785.00 | Rupees one thousand seven hundreds eighty five only | 17,850.00 |

| S. No | Description of work | Quantity | | Specifications | Unit | Rate | | Amount |
|-------|---------------------|----------|------|----------------|--------------------|------------|--|-------------------|
| | | | | | | in figures | in words. | |
| f | 75mm PVC 4 KSC | 13.00 | Nos. | | 1 No. (One Number) | 1455.00 | Rupees one thousand four hundreds fifty five only | 18,915.00 |
| g | 63mm PVC 4 KSC | 16.00 | Nos. | | 1 No. (One Number) | 1390.00 | Rupees one thousand three hundreds ninety only | 22,240.00 |
| h | 50mm PVC 6 KSC | 5.00 | Nos. | | 1 No. (One Number) | 1375.00 | Rupees one thousand three hundreds seventy five only | 6,875.00 |
| | TOTAL -A2 | | | | | | | 224,732.81 |

CWSS to Koodapalli and 129 habitations in Musiri and Manachanallur union in Trichy District for the period from 16.06.2022 to 31.03.2023 (9.50 months)

Carrying out the repair works of the Electrical, Mechanical and Electro-mechanical item

| S. No | Description of work | Quantity | Specification s | Unit | Rate | | Amount |
|-----------|--|-----------|---|--------------------|------------|--|------------------|
| | | | | | in figures | in words. | |
| 1 | Carrying out the repair works occurring during the maintenance period in the Electrical, Mechanical and Elctro-mechanical items to bring back the scheme / components into normal running condition as per specification including all charges for dismantling, repair, reinstallation, conveyance, cost of materials and all other incidental charges within the stipulated time limit etc., complete as specified in Clause 2.8 of General conditions of Contract Part II.B74 (The specifications for attending to repair / reconditing works of pumpsets, panel boards, Valves, etc has to be detailed based on the data prepared and rate approval obtained for each items. The specifictaion has to be mentioned under the clause 1.7 of GCC - Part- I) | | specified in Clause 2.8 of General conditions of Contract Part II | | | | - |
| I | Repair work of Motor | | | | | | - |
| a | 40 HP - Submersible Pumpset | 1.00 Nos. | | 1 No. (One Number) | 55,900.00 | Rupees fifty five thousands nine hundreds only | 55,900.00 |
| II | Repair work of Starter | | | | | | |
| a | 7.5 HP - Submersible Pumpset | 1.00 Nos. | | 1 No. (One Number) | 8,500.00 | Rupees eight thousands five hundreds only | 8,500.00 |
| b | 10 HP - Submersible Pumpset | 1.00 Nos. | | 1 No. (One Number) | 10,700.00 | Rupees ten thousands seven hundreds only | 10,700.00 |
| | TOTAL -A3 | | | | | | 75,100.00 |

CWSS to Koodapalli and 129 habitations in Musiri and Manachanallur union in Trichy District for the period from 16.06.2022 to 31.03.2023 (9.50 months)

Cleaning of all storage points like sumps of various capacities

| S. No | Description of work | Quantity | | Specifications | Unit | Rate | | Amount |
|-------|---|----------|------|---|--------------------|------------|---|-----------|
| | | | | | | in figures | in words. | |
| 1 | Cleaning of all storage points like sumps of various capacities available in this scheme at a frequency of once in two months including scrapping the inner side of compartment completely, scouring / dewatering / desilting using required machineries, materials, labour and all other incidental charges, application of bleaching powder/ solution etc complete. | | | specified in Clause 2.8 of General conditions of Contract Part II | | | | - |
| a | Collection Sump Koodapalli - 150000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 9,635.47 | Rupees nine thousands six hundreds thirty five and paise forty seven only | 19,270.94 |
| b | Poonampalayam Booster sump - 90000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 7,973.67 | Rupees seven thousands nine hundreds seventy three and paise sixty seven only | 15,947.34 |
| c | Rajagopalnagar Group sump - 110000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 8,721.88 | Rupees eight thousands seven hundreds twenty one and paise eighty eight only | 17,443.76 |
| d | Srirangarayapuram Group sump - 100000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 7,973.67 | Rupees seven thousands nine hundreds seventy three and paise sixty seven only | 15,947.34 |
| e | Pachur Group sump - 85000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 7,973.67 | Rupees seven thousands nine hundreds seventy three and paise sixty seven only | 15,947.34 |

| S. No | Description of work | Quantity | | Specifications | Unit | Rate | | Amount |
|-------|--|----------|------|----------------|--------------------|------------|---|-----------|
| | | | | | | in figures | in words. | |
| f | Kopurapatty Group sump - 110000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 8,721.88 | Rupees eight thousands seven hundreds twenty one and paise eighty eight only | 17,443.76 |
| g | Vellakulam Group sump - 15000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 3,422.70 | Rupees three thousands four hundreds twenty two and paise seventy only | 6,845.40 |
| h | Thirupanjeeli Group sump - 30000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 4,011.04 | Rupees four thousands eleven and paise four only | 8,022.08 |
| i | Attukaranpannai Group sump - 70000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 6,557.74 | Rupees six thousands five hundreds fifty seven and paise seventy four only | 13,115.48 |
| j | Poonampalayam Group sump - 85000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 7,973.67 | Rupees seven thousands nine hundreds seventy three and paise sixty seven only | 15,947.34 |
| k | Rajampalayam Group sump - 50000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 5,965.04 | Rupees five thousands nine hundreds sixty five and paise four only | 11,930.08 |
| l | Ayyampalayam Group sump - 145000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 9,635.47 | Rupees nine thousands six hundreds thirty five and paise forty seven only | 19,270.94 |
| m | Thathamangalam Group sump - 40000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 4,985.99 | Rupees four thousands nine hundreds eighty five and paise ninety nine only | 9,971.98 |
| n | Ayakudi Group sump - 45000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 4,985.99 | Rupees four thousands nine hundreds eighty five and paise ninety nine only | 9,971.98 |

| S. No | Description of work | Quantity | | Specifications | Unit | Rate | | Amount |
|-------|--|----------|------|----------------|--------------------|------------|---|-------------------|
| | | | | | | in figures | in words. | |
| o | Cholanmozhi nagar Group sump - 40000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 4,985.99 | Rupees four thousands nine hundreds eighty five and paise ninety nine only | 9,971.98 |
| p | Thaluthalapatti Group sump - 50000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 5,965.04 | Rupees five thousands nine hundreds sixty five and paise four only | 11,930.08 |
| q | 94 Kariyamanikam Group sump - 60000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 5,965.04 | Rupees five thousands nine hundreds sixty five and paise four only | 11,930.08 |
| r | Thirupattur Group sump - 25000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 4,011.04 | Rupees four thousands eleven and paise four only | 8,022.08 |
| s | Edumalai Group sump - 35000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 4,985.99 | Rupees four thousands nine hundreds eighty five and paise ninety nine only | 9,971.98 |
| t | Thiruvellarai Group sump - 55000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 5,965.04 | Rupees five thousands nine hundreds sixty five and paise four only | 11,930.08 |
| u | Salapatty Group sump - 50000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 5,965.04 | Rupees five thousands nine hundreds sixty five and paise four only | 11,930.08 |
| v | Omandur Group sump - 100000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 7,973.67 | Rupees seven thousands nine hundreds seventy three and paise sixty seven only | 15,947.34 |
| w | Puthanampatty Group sump - 55000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 5,965.04 | Rupees five thousands nine hundreds sixty five and paise four only | 11,930.08 |
| x | Sathanur Group sump - 10000 Ltr | 2.00 | Nos. | | 1 No. (One Number) | 3,422.70 | Rupees three thousands four hundreds twenty two and paise seventy only | 6,845.40 |
| | TOTAL -A4 | | | | | | | 307,484.94 |