

**AMENDMENT SLIP No. 5/DATED.06 .09.2019**

**Name of Scheme:** Consultancy services to Conduct Demand Study, Prefeasibility studies including Environmental Feasibility, Preparation of Detailed Project Report, Detailed Engineering (including processing for sanction) & Bid Documents for the installation of 4.00 MLD capacity containerized Sea Water Reverse Osmosis Desalination Plant at Narippaiyur in Ramanathapuram District, Tamil Nadu, India including the O&M of the plant and allied units for 5 years

**Ref** : i) Invitation for Bid No. F.Narippaiyur 4.00 mld/SWRO/DO I/CW/2018-19/Dated.27.06.2019  
ii) Extension Notice No.F.Narippaiyur 4.00 mld/SWRO/DO I/CW/2018-19/Dated.26.07.2019  
iii) Amendment Slip No.3 & iv) Amendment Slip No.4

The following Amendment is hereby issued to the Technical Bid Cover No. I Technical Bid for the above said work.

| Sl.No. | EXISTING   | READ AS  |
|--------|--|--|
| 1      | <b>Bid document Page No. 3</b><br>Approximate value of work ( Rs. in Crore including GST) Rs.3.13 (Approx.)  | <b>Bid document Page No. 3</b><br>Approximate value of work ( Rs. in Crore including GST) <b>Rs.1.32</b> (Approx.)   |
| 2      | <b>Bid document Page No. 3</b><br>Bid security (Rs.in lakh) Rs.2.40.   | <b>Bid document Page No. 3</b><br>Bid security (Rs.in lakh) <b>Rs.1.00.</b>  |
| 3      | <b>Bid document Page No.16 Data Sheet Clause.3.1.1</b><br>The consultants are required to furnish the Bid Security for a value of Rs.2,40,000/- in the following forms | <b>Bid document Page No. 16 Data Sheet Clause.3.1.1</b><br>The consultants are required to furnish the Bid Security for a value of <b>Rs.1,00,000/-</b> in the following forms |

Contractor

Sd/-Chief Engineer,TWAD,Mdu

|   |   |   |
|---|---|---|
| 4 | <p><b>Bid document Page No.21 Data Sheet</b><br/> <b>Clause.5.2 . I Specific Experience of the</b><br/> <b>Consultancy Firm related to the</b><br/> <b>Assignment – 40 Marks</b></p> <p>a) Experience in preparation of Detailed Project Report - 20</p> <p>For Containerized or Land based SWRO plant of 2MLD or more Capacity</p> <p>4 or more projects (8 MLD or more) - 20</p> <p>3 projects (6MLD) - 15</p> <p>2 projects (4 MLD) - 10</p> <p>b) Experience in preparation of bid document - 20</p> <p>for Desalination projects</p> <p>4 or more projects (8 MLD or more) - 20</p> <p>3 projects (6MLD) - 15</p> <p>2 projects (4MLD) - 5</p> | <p><b>Bid document Page No.21 Data Sheet</b><br/> <b>Clause.5.2 . I Specific Experience of the</b><br/> <b>Consultancy Firm related to the</b><br/> <b>Assignment – 40 Marks</b></p> <p>a) Experience in preparation of Detailed Project Report - 20</p> <p>For Containerized or Land based SWRO plant of 2MLD or more Capacity</p> <p>4 or more projects (8 MLD or more) - 20</p> <p>3 projects (6MLD) - 15</p> <p>2 projects (4 MLD) - 10</p> <p><b>1 project (2 MLD) - 5</b></p> <p>b) Experience in preparation of bid document - 20</p> <p>for Desalination projects</p> <p>4 or more projects (8 MLD or more) - 20</p> <p>3 projects (6MLD) - 15</p> <p>2 projects (4MLD) - <b>10</b></p> <p><b>1 project (2 MLD) - 5</b></p> |
|---|---|---|

Contractor

Sd/-Chief Engineer,TWAD,Mdu

|  | <b>II Qualifications and Competence of the Key staff for the assignment</b><br><b>B. Adequacy for the assignment – 40 Marks</b>  | <b>II Qualifications and Competence of the Key staff for the assignment</b><br><b>B. Adequacy for the assignment – 40 Marks</b>   |
|--|--|---|
|  | <p><b>1.</b> For Chief Consultant &amp; Deputy Team Leader.<br/> i). Experience in preparation of Detailed Project Report - 20<br/> including preparation of Design and Detailed Engineering for Containerized or Land based SWRO Desalination plants<br/> (As specified for each category in column 5 under section (iv) of Qualification and Experience criteria)<br/> 4 or more projects (8 MLD or more) - 20<br/> 3 projects (6 MLD) - 15<br/> 2 projects (4 MLD) – 10</p> <p>ii) Experience in preparation of Bid documents - 20<br/> 4 or more projects (8 MLD or more) - 20<br/> 3 projects (6 MLD) - 15<br/> 2 projects (2 MLD) - 10</p> | <p><b>1.</b> For Chief Consultant &amp; Deputy Team Leader.<br/> i). Experience in preparation of Detailed Project Report - 20<br/> including preparation of Design and Detailed Engineering for Containerized or Land based SWRO Desalination plants<br/> (As specified for each category in column 5 under section (iv) of Qualification and Experience criteria)<br/> 4 or more projects (8 MLD or more) - 20<br/> 3 projects (6 MLD) - 15<br/> 2 projects (4 MLD) – 10<br/> <b>1 project (2 MLD) - 5</b></p> <p>ii) Experience in preparation of Bid documents - 20<br/> 4 or more projects (8 MLD or more) - 20<br/> 3 projects (6 MLD) - 15<br/> 2 projects (<b>4 MLD</b>) – 10<br/> <b>1 project (2 MLD) - 5</b></p> |

Contractor

Sd/-Chief Engineer,TWAD,Mdu

|  |   |  |
|--|---|--|
|  | <p><b>2.</b> For the Key Staff under Sl. No: 3 to 5<br/>Expertise in relevant field<br/>(As specified for each category in column 5 under section (iv) of Qualification and Experience criteria) - 40</p> <p>4 or more projects (8 MLD or more) - 40<br/>3 projects(6 MLD) - 30<br/>2 projects(4 MLD) - 20</p>  | <p><b>2.</b> For the Key Staff under Sl. No: 3 to 5<br/>Expertise in relevant field<br/>(As specified for each category in column 5 under section (iv) of Qualification and Experience criteria) - 40</p> <p>4 or more projects (8 MLD or more) - 40<br/>3 projects(6 MLD) - 30<br/>2 projects(4 MLD) - 20</p> <p><b>1 project (2 MLD) - 10</b></p>  |
|  | <p><b>3.</b> For the Key Staff under Sl. No: 6 to 8<br/>Expertise in relevant field<br/>(As specified for each category in column 5 under section (iv) of Qualification and Experience criteria) - <b>40</b></p> <p>Experience in preparation of Detailed Project Report including preparation of Design and Detailed Engineering for SWRO Desalination plants - 30</p> <p>4 or more projects (8 MLD or more) - 30<br/>3 projects (6 MLD) - 20<br/>2 projects (4 MLD) - 15</p> <p>Experience in Preparation of Bid documents - 10<br/>4 or more projects (8 MLD or more) - 10<br/>3 projects (6 MLD) - 7<br/>2 projects (4 MLD) - 5</p> | <p><b>3.</b> For the Key Staff under Sl. No: 6 to 8<br/>Expertise in relevant field<br/>(As specified for each category in column 5 under section (iv) of Qualification and Experience criteria) - <b>40</b></p> <p>Experience in preparation of Detailed Project Report including preparation of Design and Detailed Engineering for SWRO Desalination plants - 30</p> <p>4 or more projects (8 MLD or more) - 30<br/>3 projects (6 MLD) - 20<br/>2 projects (4 MLD) - 15</p> <p><b>1 project (2 MLD) – 8</b></p> <p>Experience in Preparation of Bid documents - 10<br/>4 or more projects (8 MLD or more) - 10<br/>3 projects (6 MLD) - 7<br/>2 projects (4 MLD) - 5<br/><b>1 project (2 MLD) - 3</b></p> |

Contractor

Sd/-Chief Engineer,TWAD,Mdu

|   |   |
|---|---|
| <p>4. For the Key Staff under Sl. No: 9</p> <p>Expertise in relevant field<br/>(As specified in column 5<br/>under section (iv) of Qualification and<br/>Experience criteria) - 40</p> <p>Experience in Preparation of Bid documents</p> <p>4 or more projects (8 MLD or more) - 40<br/>3 projects( 6 MLD) - 30<br/>2 projects (4 MLD) - 20</p> | <p>4. For the Key Staff under Sl. No: 9</p> <p>Expertise in relevant field<br/>(As specified in column 5<br/>under section (iv) of Qualification and<br/>Experience criteria) - 40</p> <p>Experience in Preparation of Bid documents</p> <p>4 or more projects (8 MLD or more) - 40<br/>3 projects( 6 MLD) - 30<br/>2 projects (4 MLD) - 20<br/><b>1 project (2 MLD) - 10</b></p> |
|---|---|

**Note:**

This Amendment Slip No. 5 should be signed and appended in the Technical Bid Cover No. I

Sd/- P. Ramachandran,dt. 06.09.19  
Chief Engineer(i/c),  
TWAD Board, Madurai.

Contractor

Sd/-Chief Engineer,TWAD,Mdu