

AMARAVATI DEVELOPMENT CORPORATION LIMITED

Name of Assignment: Selection of Authority Engineer Consultant for Design Engineering Review, Project Management and Project Implementation including Works Supervision, Quality Assurance & Technical Auditing of "Survey, Investigation, Design, Construction, Testing, Commissioning of Smart Infrastructure works of Additional Lanes for Road E3 with Storm Water Drains, Culverts, Water Treatment & Supply works including head-works (consisting Intake well, Raw water pumping main, Water Treatment Plant, Cushion tanks, semi-underground Reservoirs, Integration with entire water supply and other ancillary works), Sewerage Network, Power & ICT conduits, RCC duct for Power cables, Gas lines crossings, Cycle tracks, Street furniture, Avenue Plantation and 10 years O&M for Water supply including Head-works for Road E3 [works being implemented on EPC basis in Package-XV] in AP New Capital City "Amaravati" Andhra Pradesh state, India.

RFP No: 07/CE/ADC/ENGG/Authority Engineer/2018-19

REPLIES TO BIDDER'S QUERIES & SUGGESTIONS-1 dated 06-06-2018

Sl. No.	Ref. Clause & Page No.	Content in RFP	Bidder's Query / Suggestion	Reply from ADCL
1	[RFP: Section 7: TOR, Man Month Input For Key Professional Staff of Authority Engineer, Pg. No. 127]	Deputy Team Leader cum Sr. Construction Manager Desirable – Qualifications eligible for Additional weightage/marks (a) Post Graduate Degree in Civil Engineering/ Transport Engineering/ Pavement Engineering. (b) Supervised Urban Infrastructure projects like Urban Roads and Urban Highways including storm network and underground utility infrastructure.	Please modify the criteria as: a) Post Graduate Degree in Civil Engineering/ Transport Engineering/ Pavement Engineering. b) Supervised Urban Infrastructure projects like Urban Roads and Highways including storm network and underground utility infrastructure.	Please Refer <u>Corrigendum-1</u>





<p>2</p>	<p>[RFP: Section 7: TOR, Man Month Input For Key Professional Staff of Authority Engineer, Pg. No. 128]</p>	<p>Senior Quantity Surveyor cum Contract Specialist (i) Essential Qualifications: (a) Graduate in Civil Engineering from recognized university. (b) Total Professional Experience of 15 years in handling Highway Infrastructure & Water Treatment Plant Projects (c) At least 5 years' experience as Quantity Surveyor in Water Treatment Plant Projects (d) At least 5 years' experience as Quantity Surveyor in Highway Projects with Flexible Pavements (e) He should have handled at least two projects as Quantity Surveyor in Construction / Supervision of Water Treatment Plant Projects (ii) Desirable Qualifications: (a) Post Graduate Degree / certificate course in Construction Management/ Contract management.</p>	<p>Senior Quantity Surveyor cum Contract Specialist having experience in highway infrastructure and water treatment plant is a very rare match. It is requested to kindly modify the criteria as: i) Essential Qualifications: (a) Graduate in Civil Engineering from recognized university. (b) Total Professional Experience of 15 years in handling Water Treatment Plant Projects (c) At least 5 years' experience as Quantity Surveyor in Water Treatment Plant Projects (d) He should have handled at least two projects as Quantity Surveyor in Construction / Construction Supervision of Water Treatment Plant Projects (ii) Desirable Qualifications: (a) Post Graduate Degree / certificate course in Construction Management/ Contract management. (b) Experience as quantity surveyor in Highway projects with Flexible Pavements</p>	<p><u>Please Refer Corrigendum-1</u></p>
<p>3</p>	<p>[RFP: Section 7: TOR, Man Month Input For Key Professional Staff of Authority Engineer, Pg. No. 129]</p>	<p>Senior Materials Engineer cum Geotechnical Engineer (i) Essential Qualifications: (a) Graduate in Civil Engineering from a recognized University. (b) Professional Experience of 15 years in construction / Construction Supervision of Infrastructure and Water & waste water treatment Plants (c) Experience as Material Engineer in Construction/ Construction Supervision of at least 3 Water treatment plant projects and 2 Highway</p>	<p>Please Modify the criteria as: (i) Essential Qualifications: (a) Graduate in Civil Engineering from a recognized University. (b) Professional Experience of 15 years in construction / Construction Supervision of Infrastructure and Water & waste water treatment Plants (c) Experience as Material Engineer in Construction/ Construction Supervision of at least 3 Water treatment plant projects and 2 Road Projects.</p>	<p><u>Please Refer Corrigendum-1</u></p>

	<p>Projects with Flexible pavements over expansive soils. (d) Must be familiar with material property of construction material, technical specifications and procedures of material tests and testing equipment's, testing of soil samples, preparation of geotechnical reports etc.</p>	<p>(d) Must be familiar with material property of construction material, technical specifications and procedures of material tests and testing equipment's, testing of soil samples, preparation of geotechnical reports etc.</p>	
<p>4</p>	<p>[RFP: Section 7: TOR, Man Month Input For Key Professional Staff of Authority Engineer, Pg. No. 130]</p> <p>Senior Operation & Maintenance Engineer (i) Essential Qualifications: (a) Graduate in Civil/Mechanical engineering from a recognized University. (b) Professional Experience of 15 years in handling Water supply project (Treatment, Transmission and Distribution) Projects (c) 10 years' experience in operation and maintenance of fully automated Water supply projects (Raw water Intake, Treatment, Transmission and Distribution) with SCADA. (d) Must be familiar with modern trends in operation of Water Treatment plants and pumping stations and latest Indian and International standards, technical specifications and automated operation of plants and pumping stations with PLC and SCADA system. (e) Experience in similar capacity in operation and maintenance of at least three (3) water / wastewater treatment plants having mini. Capacity of 20 MLD and more. (f) Must be familiar with safety norms of water supply system.</p>	<p>Please modify the criteria as: i) Essential Qualifications: (a) Graduate in Civil/Mechanical engineering from a recognized University. (b) Professional Experience of 15 years in handling Water supply project (Treatment, Transmission and Distribution) Projects (c) 5 years' experience in operation and Maintenance of Water supply projects (Raw water Intake, Treatment, Transmission and Distribution). (d) Must be familiar with modern trends in operation of Water Treatment plants and pumping stations and latest Indian and International standards, technical specifications and automated operation of plants and pumping stations with PLC and SCADA system. (e) Experience in similar capacity in operation and maintenance of at least three (3) water / wastewater treatment plants having mini. Capacity of 20 MLD and more. (f) Must be familiar with safety norms of water supply system.</p>	<p>Please Refer Corrigendum-1</p>

5	<p>[RFP: Section 7: TOR, Man Month Input For Key Professional Staff of Authority Engineer, Pg. No. 131]</p>	<p>7. Design Engineer (Water Infrastructure) (i) Essential Qualifications: (a) Post Graduate in Structural Engineering from a recognized University. (b) Professional Experience of 10 years in Design Engineering and proof checking of Infrastructure & Water and Wastewater Treatment Plant Projects (c) 10 years' experience in detail design and design review / proof checking of RCC and steel structures for water treatment projects. (d) Must be familiar with modern trends of construction of water treatment plants and water retaining structures, National and International design standards, technical specifications for construction of treatment plants, pumping stations and reservoirs. (e) Experience in similar capacity in detail design engineering of at least three (3) water treatment plants having mini. Cumulative Capacity of 20 MLD and more.</p>	<p>Please modify the criteria as: (i) Essential Qualifications: (a) Graduate in civil engineering from a recognized University. (b) Professional Experience of 10 years in Design Engineering and proof checking of Infrastructure & Water and Wastewater Treatment Plant Projects (c) 10 years' experience in detail design and design review / proof checking of RCC and steel structures for water treatment projects. (d) Must be familiar with modern trends of construction of water treatment plants and water retaining structures, National and International design standards, technical specifications for construction of different component of treatment plants, pumping stations and reservoirs. (e) Experience in similar capacity in detail design engineering of at least three (3) water treatment plants having mini. Cumulative Capacity of 20 MLD and more. Desirable Qualification: a) Post graduate in structural engineering from recognized university</p>	<p>RFP Conditions shall prevail.</p>								
6	<p>[RFP: Section 7: TOR, 2. Reporting Requirements and Time Schedule (in man-months) for Deliverables, Pg. No. 147]</p>	<table border="1"> <thead> <tr> <th>SN o.</th> <th>Key Personnel & No. of Positions</th> <th>Construction Period of 12 months</th> <th>Defects Liability Period of 24 months</th> </tr> </thead> <tbody> <tr> <td></td> <td>Total</td> <td>406</td> <td>237</td> </tr> </tbody> </table>	SN o.	Key Personnel & No. of Positions	Construction Period of 12 months	Defects Liability Period of 24 months		Total	406	237	<p>The total man-month input for Defect Liability Period is coming around 234 while in the RFP it has been mentioned 237. Please Clarify</p>	<p>Please Refer <u>Corrigendum-1</u></p>
SN o.	Key Personnel & No. of Positions	Construction Period of 12 months	Defects Liability Period of 24 months									
	Total	406	237									

<p>7</p> <p>[RFP: Section 2: Instruction to Consultants – Data Sheet, Clause 21.1, Pg. No. 56]</p>	<p>Experience in Infrastructure Projects (Sector/ Area development) like- Water / Waste Water Treatment –3marks Townships / Cities –3marks Note: Experience in sector (i) is necessary have.</p>	<p>Please clarify the exact number of projects we have to provide here.</p>	<p>It is clarified that Three (3) marks per project subject to maximum Three (3) marks per sector.</p>								
<p>8</p> <p>RFP: Section 7: TOR, 2. Reporting Requirements and Time Schedule (in man-months) for Deliverables, Pg. No. 145] [RFP: Section 7: TOR, Period of Services, point 62., Pg. No. 123]</p>	<table border="1"> <tr> <td>SN</td> <td>Key Personnel & No. of Positions</td> <td>Construction n Period of 12 months</td> <td>Defects Liability Period of 24 months</td> </tr> <tr> <td colspan="2"> <p>Period of service (in months)</p> <p>Construction Period (18) + DLP(24)= Total 42 months</p> </td> <td>18</td> <td>24</td> </tr> </table>	SN	Key Personnel & No. of Positions	Construction n Period of 12 months	Defects Liability Period of 24 months	<p>Period of service (in months)</p> <p>Construction Period (18) + DLP(24)= Total 42 months</p>		18	24	<p>Please clarify the duration of construction period as the statement is contradicting.</p>	<p>It is Clarified that Expiration of Contract Period shall be: 18months Construction period plus 24months Defects Liability period (DLP)</p>
SN	Key Personnel & No. of Positions	Construction n Period of 12 months	Defects Liability Period of 24 months								
<p>Period of service (in months)</p> <p>Construction Period (18) + DLP(24)= Total 42 months</p>		18	24								
<p>10</p> <p>[RFP: Section 7: TOR, 2. Reporting Requirements and Time Schedule (in man-months) for Deliverables, Pg. No. 146]</p>	<table border="1"> <tr> <td>SNO</td> <td>Key Personnel & No. of Positions</td> <td>Construction n Period of 12 months</td> <td>DLP Period of 24 months</td> </tr> <tr> <td>21</td> <td>Site Engineers (Water Infrastructure) (2Nos.)</td> <td>2X12</td> <td>6 (intermittent)</td> </tr> </table>	SNO	Key Personnel & No. of Positions	Construction n Period of 12 months	DLP Period of 24 months	21	Site Engineers (Water Infrastructure) (2Nos.)	2X12	6 (intermittent)	<p>The man month input for site engineer (water Infrastructure) in defect liability period i.e. 6 months. Should we consider it for one site engineer (water Infrastructure) or both the site engineer (water Infrastructure) Please Clarify?</p>	<p>It is Clarified that One Site Engineer's input of 6months shall be intermittent during entire DLP.</p>
SNO	Key Personnel & No. of Positions	Construction n Period of 12 months	DLP Period of 24 months								
21	Site Engineers (Water Infrastructure) (2Nos.)	2X12	6 (intermittent)								

<p>11</p>	<p>[RFP: Section 2: Instruction to Consultants – Data Sheet, Clause 21.1, Pg. No. 56]</p>	<p>Experience in Infrastructure Projects (City level) 20 like- Water Treatment Plants including Intake Wells & RWPS –5marks Water supply Network system –5marks Urban Roads / Urban Highways –5marks Storm Water drainage Network system – 5marks Note: Experience in sector (i) is necessary have.</p>	<p>Please clarify the exact number of projects we have to provide here.</p>	<p>It is clarified that Five (5) marks per project subject to maximum Five (5) marks per sector.</p>
<p>12</p>	<p>[RFP: Section 1, Clause 18, Schedule of Bidding Process, Pg no. 15]</p>	<p>Proposals submission End Date : 11-06-2018, (offline) 15.30hrs</p>	<p>In order to submit a competitive, comprehensive And meticulous proposal it is requested to postpone the submission end date by 3 weeks.</p>	<p><u>Please Refer Corrigendum-1</u></p>


