

Tender No: BGL/404/2017-18 dated: 05/02/2018

ITEM : Inspection, Testing and Refurbishment of CNG Cascades at Hyderabad, Vijayawada & Kakinada.

REPLIES TO PRE BID QUERIES

Sl. No.	Section/ Bid Document Description	Cl. No and Page No.	Bidder's QUERY	BG's Reply
1	Bidder Eligibility Criteria, Section-1	Clause No. 2, Page 8 of 128	As per SOR, Group A and B are different and in Group B Testing of CNG Cylinder and supply of Spares. Bidder requested to clarify that in group B, whether CNG Cylinder to be tested and not Cascades. In that case, only CNG Cylinders to be collected and re sent after testing and installation of CNG Cylinders on Cascade frame and its testing is not in the scope of Bidder Bidders should have experience to test high pressure cylinders for 800 Nos./510 Nos. or supplied CNG Cascades. Being a very critical and safety aspects, bidder must have experiance and performance certificate from CGD to conduct testing and spection of atleast 15- 20 nos of Cascades with water capacity of 3000 Ltres or more.	Bidder has to carry out the testing of CNG cylinder cascades including any maintenance required for cascade frame. So bidder has to take the cascade with cylinders from various locations as per the EIC instructions for both GroupA&B in SOR.
2	BRIEF SCOPE OF WORK SECTION - 7	Cl. No. 9, Page 5 of 30	Bidder requested to have fully automatic Ultrasonic Flaw detection M/c as per PESO rules for Ultrasonic Flaw detection testing.	The Bidder shall carry out ultrasonic Flaw detection testing of cylinders as per IS 8451: 2009 amendment no 1st May 2013. TO BE READ AS The Bidder shall carry out ultrasonic Flaw detection testing of cylinders as per IS 8451: 2009 amendment no 1st May 2013 and as per PESO/ CCOE regulations.
3		Cl. No. 21, Page 6 of 30	The bidder shall replace Pressure Rupture Discs (PRD)s/Burst Discs along with fusible plug as per the instructions of BGL. For the purpose BGL will provide PRD & fusible plug to bidder.	Tender condition prevails

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Sl. No.	Section/ Bid Document Description	Cl. No and Page No.	Bidder's QUERY	BG's Reply
4		Cl. No. 20, Page 6 of 30	The bidder shall replace defective cylinder valves after confirmation by BGL.	Bidder has to replace the same type of cylinder valves after the confirmation by BGL
5		Cl. No. 22, Page 6 of 30	Regarding the transport of cascade(s) back to the same CNG station from where the cascade was removed and shall ensure its re-installation at the same location, bidder requested to put another cascade after removing existing one.	Bidder to follow in line with Cl. No. 7 :- Transportation & Dispatch Basis in Special Conditions of Contract for the relevant point.
6		Cl. No. 23, Page 6 of 30	Bidder requestd thatn Employer's site officer should present at the time of cascade replacement.	Tender condition prevails
7		Cl. No. 24, Page 6 of 30	Bidder enquired whether the Employer will take Safety training Program shall they Issue STC or Acces Card to contractor worker to work at there every site.	Tender condition prevails
8		Cl. No. 25, Page 6 of 30	Pertaing to the clause bidder suggested that after doing Connection of cascade with main line leak test to be done at 2 Stages. First at 100 Bar & then 200 Bar or 210 Bar. Observation of one Hrs is enough for completion of commissioning. Leak test will not be done at full pressure.	Tender condition prevails
9		Cl. No. 26, Page 6 of 30	Bidder suggested that Testing Certification with all required document should be submitted at the time of cascade replacement and commissioning report to be singed by site officer to the contractor.	Tender condition prevails
10		Cl. No. 27, Page 6 of 30	Bidder enquired whether Employer will appoint TPI at Bidders Place for final leak test & to give dispatch Clearance or they will send there engineer at bidder place	BGL will not deploy any TPI and will not give any clearance from BGL side. Bidder has to provide the clearance from their end to BGL, after completion of testing activity and BGL reserves right to inspect the same at any time during testing.

Sl. No.	Section/ Bid Document Description	Cl. No and Page No.	Bidder's QUERY	BG's Reply
11		Cl. No. 31, Page 6 of 30	Pertaining to the clause bidder suggested that Rejected Cylinder cascade will not be returned in a single piece. As per PESO norms it will cut into three pieces & record of which will be send to CCOE.	Bidder's understanding is correct.
12		Cl. No. 1, Page 7 of 30	Bidder suggested that to ensure strict adherence of all safety rules and regulations of BGL, BGL will conduct any Safety Training Program & shall they will issue STC/Card to Contractor workers to work at site.	Tender condition prevails and bidder has to deploy the trained manpower to follow all safety rules.
13	OTHER TERMS & CONDITIONS <u>SECTION -7</u>	Cl. No. 4, Page 7 of 30	BGL Engineers will inspect testing at Bidder's site on regular basis. BGL may ask for dispatch of cascade after verification of BGL engineer.	BGL will not deploy any TPI and will not give any clearance from BGL side. Bidder has to provide the clearance from their end to BGL, after completion of testing activity and BGL reserves right to inspect the same at any time during testing.
14		Cl. No. 7, Page 7 of 30	Regarding the fising of name plate on cascade bidder suggested BGL to approve complainece plate format at once which should be used for every cascade (matter will be different)	Bidder has to take prior approval for compliance plate format.
15		Cl. No. 3, Page 8 of 30	Unloading of CNG cascade by crane/hydra.	Tender condition prevails
16	CCOE APPROVED WORK PREMISES	Cl. No. 4, Page 8 of 30	Bidder requested to Degas all the cylinders & then dismantal the tubing, fitting & then Remove the cylinders from the frame.	Tender condition prevails
17		Cl. No. 6, Page 8 of 30	Bidder suggested that Internal Cleaning will be done with aprropriate High Pressure Water jet.	Cleaning inside the cylinder have to be done as per the PESO norms.

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Sl. No.	Section/ Bid Document Description	Cl. No and Page No.	Bidder's QUERY	BG's Reply
18		Cl. No. 9, Page 8 of 30	Wall thickness measurement with ultrasonic & internal inspection ultrasonic thickness test	Wall thickness measurement with ultrasonic TO BE READ AS ultrasonic flaw detection to be carried out As per ASME Sec VIII Div 1 & ASME sec: V
19		Cl. No. 14, Page 8 of 30	Regarding External sand blasting of cylinders & frame structures bidder informed Sand blasting of cylinders can be done and suggested that for frame grinding & polishing with small angle grinder to be done. Sand blasting is not appropriate for such a angle & channel frame.	Tender condition prevails
20	SPECIFICATION OF WORK SECTION-8 Re-testing of cylinder	Cl. No. 1.1, Page 11 of 30	Bidder suggested that Shot blasting of cylinder before testing & ultrasonic flaw detection testing of cylinders on parallel portion of the cylinders have to be carried out after Hydrostatic stretch testing of cylinder.	Tender condition prevails
21	SPECIFICATION OF WORK SECTION-8 Cascade tubings	Cl. No. 4.5, Page 11 of 30	Bidder requested that Hydro testing of tubing cannot be done at 300 bar and it should be Pneumatic Testing of tubing at 255 kg/cm2	The SS Tubing, Fittings should be tested by Pneumatic Pressure for leakages at 255 kg/cm2.
22	LOCATION OF CYLINDERS CASCADE SECTION-10	Page 18 to 21 of 30	Bidder raised queries that in Cascade names whether (M) stands for mobile cascade and requested for the no. of mobile and stationary cascades ,so as quote & plan accordingly	Cascade name (M) not stands for Mobile cascades . Number of mobile cascades in respective locations are as follows: Hyderabad: 40 Nos., Vijayawada: 16 nos., Kakinada: 03 nos., Rest all cascades are stationary cascades as on date and may vary as per site conditions.

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