

REPLIES TO PRE-BID QUERIES					Tender No.: REPL/MNGL/LNGD/08/21	
Sr. No.	Name of the Work : "ARC FOR SUPPLY, INSTALLATION & COMMISSIONING OF LNG DISPENSERS"				Bidder's Queries/ Observation/Comments	REPL REPLY
	SEC. NO./Vol No	PAGE NO.	CLAUSE NO.	Subject		
1	Vol.I	5	24.1.1	BEC Technical	Bidder is an OEM for manufacturing the Cryogenics Equipments and Their shop is PESO approved. We shall provide the undertaking that the PESO approval for LNG dispenser shall be produced before supply & commissioning of the dispenser as per the VOL II, Page No 12 of 58, Clause No 9.0	Bidder submission is accepted. However CCEOE approval along with dispatch of the dispenser, the supplier should provide PESO approved Dispenser.
2	Vol.I	5	24.1.3	BEC Technical	Bidder has supplied LNG dispenser to a private industrial customer along with related LNG dispensing facilities and LNG dispensing station has been duly certified by PESO. Please confirm that Credential of Industrial customer will be considered for evaluation.	The intent of this clause relates to the LNG dispenser for vehicular use for small, medium & large vehicles.
4	Vol.I	6	24.1.5.2	BEC Technical	We would like to inform that, Design and product type approval is given by PESO only. So we shall submit the Certificate post receipt of approval and before commissioning of the dispenser. Please confirm.	Confirmed PESO approval is a must, which should be available either at the time of bidding or at the time of shipment, if the product is under development and performing as pilot.
5	Vol.I	6	24.1.5.2	BEC Technical	Original Equipment Manufacturer (OEM) or Packager of LNG Dispenser and should have valid PESO License for the LNG Dispenser Model. Bidder understands that for getting qualified in tender, bidder must have PESO approved LNG Dispenser. Bidder requests Owner/PMC to confirm the same.	PESO approval is a must, which should be available either at the time of bidding or at the time of shipment, if the product is under development and performing as pilot.
5	Vol.I	4	-	AMC for 5 years with Consumables & Spares	We shall provide the AMC for the dispenser but consumables & Spares to be borne extra by the MNGL. Please confirm.	Not acceptable, the consumables & services during 1 year warranty and 4 years AMC shall be part of contract and the prices shall have to be included in the bid.
6	Vol.I	136	-	LNG Dispenser Description	We Would like to inform MNGL that our supplied make of LNG dispenser will be integrated to a LNG system only if we get required Input & outputs from the existing LNG storage, saturation skids & PLC system.	Vendors are supposed to be in the manufacturing & supplying of LNG storage system. They need to confirm availability of the inputs from LNG storage & PLC system etc. They also need to explain what is the meaning of saturation skids.
7	Vol.I	73	18.1	Payment Terms	The Given Payment is not acceptable to us. We request MNGL to consider the Stage wise payment and consider the advance payment of min 30%.	Tender condition prevails.
8	Vol.I	69	5.2	Installation, Testing & Commissioning of CNG Car Dispenser excluding PT & AMC as defined in the Tender Document	Not applicable as this is for CNG dispenser	The word CNG to be read as LNG.
9	Vol.I	86	2	specification table: FILL RATE - 80 GPM MAX	The bidder specific dispenser can give 50 GPM fill rate	The flow rate from 50 GPM to 80 GPM (max) is acceptable.
10	Vol.I	90	7	LNG dispenser components- optional LNG vessel to contain the flow meter.	Please elaborate this . There is no LNG Vessel as optional.	Yes, it is not required.
11	Vol.I	92	13	Appropriate drain valves of the filter outside the dispenser housing with suitable arrangement to collect the drained oil to facilitate the operator to drain the oil on regular basis without requiring to open the lock of the dispenser cabinet.	Not applicable. NO oil is used in LNG dispenser hence not applicable.	Outside the scope of dispenser vendor
12	Vol.I	93	21	Dispenser manufacturer is required to submit approval of weight & measure department, Govt. of India. Forth dispenser unit or for the mass flow meter installed in the dispenser unit. In future, if any non-conformity or objection is raised by W&M department or if any penalty action is taken against OWNER, vendor shall be fully liable, indemnify OWNER against any liquidity and shall bear all the cost implication, if any	Will provide before commissioning	Allowed to be provided with dispatch of dispenser.
13	Vol.I	94	22	W&M co-ordination before commercial sales. Annual stamping and If any other incident/problem occurs during the warranty period which needs breaking of W&M seal and coordinate with W&M department for stamping.	Not applicable. To be considered by OWNER only and hence it will be in MNGL scope.	Warranty period responsibility shall have to be with the vendor.
14	Vol.I	94	27	Control valve body and trim materials selection shall be done by the bidder to ensure that there is no erosion, cavitation and flashing. Trim & seat shall be fully stellite.	Not applicable. Cryogenic valve will be with SOFT seal only.	OMC standards will prevail.
15	Vol.I	96	10	shop test 2. calibration report of dispenser 3. W& M certificate	Will provide before commissioning	To be provided before dispatch of dispenser.
16	Vol.II	8	2.4	Obtaining statutory approvals from the country of origin as well as from India is in Bidders scope. The offered Dispenser model must be certified by the Weights and Measures or any other statutory authority from the Country of Origin for outsourced component. The Bidder shall also get the offered Dispenser model certified by the Weights and Measures, India. (Ministry of Consumer affairs). The offered Dispenser model must also be approved by the Chief Controller of Explosive (CCOE) Nagpur and the Bidder shall submit the certificate along with the offer.	Will provide before commissioning	To be provided before dispatch of dispenser.

17	Vol.II	9	2.15	Bidder has to provide valid Master Meter & all the necessary arrangements for PG test and ensure timely completion of PG test. If PG test fails then bidder has to bear complete financial implication related to W&M if any in order to rectify the issues.	Not applicable. PG test does not required W&M .	The performance test includes, proper measurement of quantity dispensed and therefore the provision for master meter for comparing the quantity dispensed is essential.
18	Vol.II	9	2.16	Site calibration of the Mass Flow Meter of the supplied dispensers by Master Meter before commencement of performance test.	Not applicable. FM calibration will be done by FM Supplier only.	FM supplier's part of responsibility shall be in vendor's scope.
19	Vol.II	9	2.16	AMC after site installation of each Car Dispenser individually.	We shall provide the AMC for the dispenser but consumables & Spares to be bourne extra by the MNGL. Please confirm.	The cost of spares & services during AMC maintenance is in vendor scope.
20	Vol.II	14	1.12	Weights & Measures Certificates from the country of origin for offered models of Dispenser	Will provide before commissioning	To be provided before dispatch of dispenser.
21	Vol.II	14	1.15	Weights & Measures approval from Indian Authorities.	Will provide before commissioning	To be provided before dispatch of dispenser.
22	Vol.II	16	13	CHECK LIST- LNG CAR DISPENSER	Refer check list.Accepted for applicable one.	Tender condition shall prevails.
23	Vol.II	19	15	Vendor list	Refer our comments in vendor list.	Inclusion of vendor to the list proposed by client shall be considered at the time of detailed engineering subject to their meeting PESO and relevant code requirements.
24	Vol.II	23	2.1.3	Calibration Unit as per clause no. 7.6 in the form of Master Meter (Master Mass Flow Meter) with Hose, Nozzle, and Fittings and vent valve mounted on a suitable frame/trolley as per International Standard. The Master Meter for Calibration must have traceability to International Standard. The Calibrator Master Meter should be certified by Weights and Measures or any other statutory authorities as certified Custody transfer meter of the Country of Origin. (such as PTB, NMI, Trans Canada Calibrations, (TOC) Canada, Colorado Engineering Experiment Station Inc.(CEESI) USA, South West Research Inc.(SWRI) USA, PISGAR, etc)	Please provide vendor details who can supply such unit with Indian W&M approval OR international approval	This is the post order requirement and shall be dealt with at appropriate time.
25	Vol.II	24	2	All the Dispensers shall be suitable for Outdoor installation without roof/shed.	It is not recommended	The canopy / roof shall be provided by the client. However dispenser should be capable of operating without shed.
26	Vol.II	26	7.1	Dispenser display cabinet should be IP-65.	IP-54	Tender condition shall prevails.
27	Vol.II	26	7.1.2	Reset to zero of totalizer shall be performed by the dispenser electronics automatically when the maximum value reached. The Non- resettable Mechanical Type Totalizer Counter shall also to be provided which can be visible from front. The vendor should provide suitable arrangement outside the flameproof electronic box (on the dispenser's body) for reading the totalizer. Updating of Dispenser totalizer reading shall be real time & continuous instead of at the end of fill cycle. Totalizer reading of dispenser shall be taken from inventory of Mass flow meter.	Not possible in Cryogas dispenser	The requirement is typical for a dispenser, vendor needs specifically to clarify the position.
28	Vol.II	27	7.1.7	One no. Bubble tight Manual Shut-off valve for each fill hose has to be considered.	Not required .	Accepted.
29	Vol.II	27	7.1.8	For LNG Car dispenser SS 316, 1/2" with 1/2" to 3/4" reducing adapter for Interconnecting tubing /piping. fittings, high flow valves shall be used. NRV's shall be provided as required. One set each of (1 1/2" for LNG Car with 1/2" to 3/4" reducing adapter) isolation 2 way ball valves complete with venting line valve and end plug should be installed on the inlet steel pipe of the dispenser. The valve should be located immediately before the dispenser and should be accessible to the maintenance personnel. Dispenser end connections should be (1/2" OD tube for LNG Car with 1/2" to 3/4" reducing adapter) tube fitted with (1/2" for LNG Car) union with nut and front and back ferrule.	Not applicable for LNG dispenser.	Accepted
30	Vol.II	27	7.1.9	Easy to read lighted display – explosion proof backlighting or LED to be provided. Display must be of IP 65. Display should show the proper error code during shutdown.	IP-54	Tender condition shall prevails.
31	Vol.II	28	7.1.21	Vendor should include necessary licensed system and application software for dispenser electronics one set each for LNG Car, required for calibration and faultfinding diagnostics.(As applicable)	Not applicable	Vendor to suggest alternate method applicable for calibration
32	Vol.II	28	7.1.25	Vendor shall include any other item required for safe and accurate operation of Dispenser.	Please provide list of items required is any specific .	These are vendor specific and not generic.

33	Vol.II	29	7.1.26(ii)	Appropriately plugged drain valves of the filter outside the dispenser housing with suitable arrangement to collect the drained oil to facilitate the operator to drain the oil on regular basis without requiring opening the lock of the dispenser cabinet. The layout of tubing & other component should be such to gives unhindered access to all parts & maintenance becomes easy.	Not applicable for LNG dispenser.	Being not a part of dispenser, excluded from vendor scope.
34	Vol.II	29	7.1.27(a)	Two LNG flexible electrically conductive twin (fill and vent) hoses with two nozzles and vent hose one with captive vent transit fill nozzle including 3 way valve for filling or venting are required along with weather caps for the protection of nozzles or independent connection fo LNG filling and BOG recovery shall be provided. Out of two hose one should be fitted with NZS and other with NGV nozzle. However the hose with NZS nozzle should be 1 feet flexible type & the hose with NGV nozzle should have suitable adapters (NGV 1 Type 2 Class A / NZS 9/16" fill probe) attached with it to fill both type of filling systems i.e. NGV1 Type2 or NZS-5245 nozzles. Vendor should include supply of breakaway coupling in each fill & vent hose suitable for NGV Industry. Each fill & vent hose should be 3/8" ID working pressure 16 kg/cm2 (g) and at least 4.0 Meter long. Hose spiral guard shall be provided for hose protection due to friction & abrasion. Vendor shall demonstrate the function of breakaway coupling during performance test with the similar sample breakaway coupling.	Not applicable for LNG dispenser.	Each dispenser will have a twin hose (one for LNG filling another for BOG recovery) filling nozzle and requirement of two LNG filling nozzle in one dispenser, is not needed.
35	Vol.II	30	7.1.31	Vendor shall supply the application program, ladder logic, and list of error codes with description for programming the dispenser parameter used in Dispenser Electronics.	Cannot be provided due to proprietary design.	In case of proprietary design, it should be explained to client during training programme.
36	Vol.II	30	7.1.35	The Dispenser shall be based on three banks sequencing filling. The sequencing panel shall be within cabinet of the dispenser itself and not as a separate unit. Sequencing should be on flow rate and pressure. Separate Flow meters shall be provided for each arm for LNG Car Dispensers.	Not applicable for LNG dispenser.	Accepted
37	Vol.II	32	7.4	Terminals for HART communication should be provided for on field monitoring.	RS485 Communication will be used for communication	Accepted
38	Vol.II	32	7.4	The Dispenser shall have facility to read & write the data from remotely through SCADA.	Not possible in Cryogas dispenser	SCADA is in client scope but connectivity & communication RS485 is in vendor scope.
39	Vol.II			For downloading the LNG refuelling transaction data to Client's POS computer, RS 485 serial port (for RS 232 port, provide with Converter for RS 232 to 485 including all hardware and software) shall be provided. Remote communication / RS-485 Modbus communication port to be made available for remote monitoring of dispenser. The Modbus address & all related parameters to be shared with MNGI in the manual for future use. Terminals for HART communication should be provided for on field monitoring. The programming, tuning, adjusting of the controller would be through dedicated software residing to a PC with the window Operating System. Dispenser shall be capable of communicating with outside system using the open system architecture / Protocol. It is possible to transfer the data through twisted pair wires, transaction data, flow meter data to RTU of SCADA. All the flow data, trip status and power supply status shall be available. The client shall provide SCADA and RTU. The Dispenser shall have facility to read & write the data from remotely through SCADA. The dispenser should have provision and dedicated communication LNG Card & port for connection to RTU for monitor and control the transaction parameter through serial communication The detail requirements of SCADA will be communicated to the successful vendor during detail engineering. For selection of equipments compatibility for SCADA system vender shall considered the Modbus RTU protocols, FCC-68 RJ 45 connection type, RS 232 D communication standard, Baud rate upto 19.2K, with configurable software. The configuration data for the Mass Flow Meter should be stored in a non-volatile memory or in a dedicated battery backed RAM to protect the data from power off or fluctuations.	RS485 Communication will be used for communication and same will be communicate to SCADA . SCADA not in Cryogas scope .	SCADA is in client scope but connectivity & communication RS485 is in vendor scope.
40	Vol.II	35	7.7.3.5	Although the supply is being arranged through UPS System, but in some remote occasions, the power supply may be from DG sets with poor regulations and thus power supply available from Client may contain harmonics, transients and surges etc. The Electronics shall be compatible to the supply system as no transient, surge or harmonics protection has to be provided by Client. Bidder to include suitable voltage protection device/ conditioning unit / voltage stabilizer, as required, in their scope for accurate and safe operation of dispenser.	MNGL to ensure pure sine wave power or to include suitable voltage protection device/ conditioning unit / voltage stabilizer, as required, in their scope for accurate and safe operation of dispenser.	The vendor should ensure and indicate voltage stabilizer in case the supplies without UPS. The vendor should stand the guarantee for the performance of dispenser but the voltage stabilizer shall be in the scope of the client.
41	Vol.II	37	10.3	All the dispensers shall be tested to demonstrate the functioning of all the components and controls. The simulation test for all the Instrumentation shall also be LNG Carried out.	At site only using LNG /LN2	Please clarify the composition of LN2. However in case of functional test carried out at site, the delivery shall not to have been accomplished till functional test is accepted.
42	Vol.II	37	10.4	Performance Test- All the dispensers shall be performance tested for flow capacity, measuring accuracy and dispenser functioning with LNG or Nitrogen. Vendor shall arrange LNG or Nitrogen as required. Seat leakage test for the Valves and setting of safety valves shall be check.	At site only using LNG /LN2	Please clarify the composition of LN2. However in case of Performance test carried out at site, the delivery shall not to have been accomplished till performance test is accepted.
43	Vol.II	41	16.1	Mass Flow Meter	Will be freeze during detailed engineer based on PESO approval	OK
44	Vol.II	42	16.2	Datasheet for Solenoid Valve	Will be freeze during detailed engineer based on PESO approval	Ok
45	Vol.II	43	16.3	Datasheet for LNG Car Dispenser	this document to be corrected for LNG .DISPENSER It seems that it is for CNG dispenser.	India expects LNG car in future.
46	Vol.II	45	D	QUALITY ASSURANCE PLAN	TEST AS APPLICABLE .REFER TEST PLAN	To be decided during detailed engineering.

47	Vol.I	6 of 138	24	Bid evaluation criteria	Bidder understands that for getting qualified in tender, bidder must have PESO approved LNG Dispenser.	PESO approval is a must, which should be available either at the time of bidding or at the time of shipment, if the product is under development and under performance as a pilot project.
				Original Equipment Manufacturer (OEM) or Packager of LNG Dispenser and should have valid PESO License for the LNG Dispenser Model.....	Bidder requests Owner/PMC to confirm the same.	
48	Vol.I	87 of 138	3.0, a) xiv)	Integration to card payment and printing facility	Integration to card payment & printing facility are not available on Bidder's LNG Dispenser. However, separate printing facility shall be provide at control room. Bidder requests Owner/PMC to accept the same.	Acceptable, provided a separate card payment & printing arrangement is made available on a handheld module or an extra fitting external to the dispenser.
49	Vol.I	87 of 138	4	Reference Documents	Bidder understands that all mentioned codes are for reference only and shall be followed as applicable.	Yes
50					Optional LNG vessel is not required to contain the flow meter. Bidder shall provide the Coriolis flow meter on Liquid & Gas lines without vessel.	Acceptable
					Bidder requests Owner/PMC to accept the same.	
51	Vol.I	99 of 138	14	Documentation	Bidder requests to accept that the Submission of documents & drawings for approval/review/information shall be decide during detail engineering stage post award of order based on mutual agreed VDR.	The bid shall contain the reference to applicable codes & general arrangement drawing (GAD) of the dispenser for information, however the details of the dispenser as coainted in the relevant clause of bid document shall be furnished post award of order.
52	Vol.II	13 of 58	11.0, 12.0	Drawing & Documentation	Bidder requests to accept that the submission of documents & drawings for approval/review/information shall be decided during detail engineering stage post award of order based on mutual agreed VDR.	Same as for S. No. 51 Above
53	Vol.II	19 of 58	15	Vender List	Bidder is offering the PESO and ATEX type approved LNG Dispenser. If there will be any change in part (vender), Bidder needs to re-apply for the statutory approvals. Hence Bidder cannot defer the vendors and parts. Bidder has considered the reputed vendors and also fulfilling the process requirement of tender.	Accepted subjected to observation as S. No.47
					Bidder requests Owner/PMC to accept the same.	
54	Vol.II	24 of 58	5	Design Philosophy	Bidder requests Owner/PMC to share the fatigue cycle of the system so as to confirm the design life of LNG Dispenser.	The variation of the operating parameters do not have direct relation with the fatigue cycle. The design life of the dispenser shall be 20 years based on 12 fill per hour working on 24 hrs. a day with 330 days operation in a year.
55	Vol.I	90 of 138	5.3	The control panel of the Dispenser is to include push button (for switch over from saturation Filling to cold filling and vice versa) and light indication for saturation and cold filling.	Bidder's LNG dispenser has the facility to switch over from saturation filling to cold filling and vice versa by integrated key pad itself and hence no separate push button has been provided / considered.	Acceptable
					Bidder request Owner/PMC to accept / confirm the same.	
56	Vol.I	90 of 138	5.3a	Manually or automatic	Bidder requests to clarify the philosophy for operating dispenser automatically.	The automatic mode refers to an auto cut-off dispensing, when either the pre-priced quantity is filled up or the pre-assigned volume is filled up or the safety level/pressure of the tank is reached.
57	Vol.I	90 of 138	5.7 j	Electronic evaluation unit, which may communicate with a payment terminal.	Bidder requests Owner/PMC to provide the details of date required and also specify how electronics unit communicate with payment terminal.	The rate of LNG sale price shall be editable and the LED panel shall show the total amount payable for the filled quantity.
						It should also be capable of maneuvering the options given at s.no 56 above.
58	Vol.I	90 of 138	5.7 p	Emergency stop button, which can also be used as start-stop button.	Bidder's LNG Dispenser consists of Emergency stop button which can only be used as STOP button and not as START button.	Acceptable
					Bidder requests Owner/PMC to accept the same.	
59	Vol.I	87 of 138	3.0, xvi	Earthing cable and shop air hose to dry frost from nozzles prior to connecting to fuel tank.	Bidder understands that Bidder's scope also includes supply of Earthing cable & pneumatic gun. However, required compressed air and air line shall be in scope of Owner.	Confirmed
					Bidder requests Owner/PMC to confirm the same.	
60	Vol.I	90 of 138	5.0, 7, m	Electrical and pneumatic power supply.	Bidder understands that all utilities are in Owner's scope.	Confirmed
					Please confirm the same.	
61	Vol.I	90 of 138	5.0, 7, q	Dead man's button or handle	Not required/applicable as attendant is mandatory during filling operations. Hence Bidder requests Owner/PMC to abolish the requirement.	Handle shall have a stop button / lever.
62	Vol.I	97 of 138,	9.2,	Accuracy.....	Bidder requests Owner to accept the accuracy of LNG dispenser as ±1.5 %.	Flow meter for dispenser with measuring accuracy of ±1 % are available in market. Considering development stage of LNG dispenser in India, accuracy of ±1 % . is acceptable.
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63	Vol.II	17 of 58	1.9	Pressure dial gauge of 4" size	Bidder is offering the PESO and ATEX approved LNG dispenser in which Pressure shall be reflected on Dispenser Display screen. Hence, Bidder has not considered separate Pressure gauge. Bidder requests Owner/PMC to accept the same.	Acceptable
64	Vol.II	17 of 58	1.1	Separate Reading totalizer....	Bidder PESO and ATEX approved LNG dispenser has Non-resettable totalizer available on display screen. Hence, no separate reading totalizer is required and not considered. Bidder requests Owner/PMC to accept the same.	Bidder understanding is correct
65	Vol.II	17 & 27 of 58	1.11, 7.1.12	ESD button both sides.....	Bidder's dispenser have the Single side (Display side) ESD button. Kindly confirm the acceptance of same.	Single side ESD button is acceptable, however the display of filling parameter like rate, volume and total amount to be paid, should be reflected on both side. Such provision are available in the market
66	Vol.II	18 of 58	6.5	Fill nozzle	Bidder is offering the PESO and ATEX type approved LNG Dispenser. If there will be any change in part (vendor), Bidder needs to re-apply for the statutory approvals. Hence filling and vent nozzle as per the bidder's standard shall be provided for fulfilling the process requirement of tender.	It is understood that PESO approval should be with fill nozzle, however the type of nozzle can vary as per tender.
67	Vol.II	18 of 58	6.6	Flexible hose make	Bidder standard LNG dispenser is having the fueling nozzle of Rego make. Bidder requests Owner/PMC to accept the same.	This shall be done at detailed engineering stage
68	Vol.II	26 of 58	7.1.1	Display....	Bidder's Dispenser have single side display in two rows and during power failure display will show the reading for 5 minutes. Bidder requests Owner/PMC to accept the same.	Tender condition prevails. However for specific deviation, the issue can be settled during detailed engineering.
69	Vol.II	27 of 58	7.1.5	Each dispenser side should be equipped with ON & OFF switch and liquid filled 4 inches dial pressure gauge (0-25 kg/cm2) showing the vehicle filling pressure for each filling arm. Vendor shall provide a bypass isolation valve with associated tubing to facilitate routine servicing calibration of pressure gauges without shutdown of the dispenser.	Bidder's PESO and ATEX approved Dispenser is having the Display on one side of dispenser. Pressure & flow along with other parameters can be shown on display. No separate pressure gauge, other valves & instruments are envisaged. Bidder requests Owner/PMC to accept the same.	Acceptable
70	Vol.II	27 of 58	7.1.8	LNG CAR Dispenser.....	Bidder requests to abolish the requirement as LNG operated Cars are not available in the market.	India expects LNG car in future.
71	Vol.II	29 of 58	7.1.26, ii)	Drained oil.....	Not applicable. Hence bidder requests Owner/PMC to abolish the requirement.	This is outside from the scope of dispenser vendor
72	Vol.II	29 & 43 of 58	7.1.27, a), Datasheet of LNG Dispenser	Vent hose, one with captive vent.....	It is 3 way valve which is not a part of Dispenser. Hence, Bidder requests Owner/PMC to exclude the same from Bidder's Scope. As Bidder is offering the pre-approved LNG dispenser by statutory bodies, Nozzles & hoses (Filling & Vent) as per Bidder standard shall be provided. Bidder seeks Owner's/PMC's approval on same.	To be dealt at the time of detailed engineering.
73	Vol.II	29 of 58	7.1.28	One number of holster/cradle for fills nozzles along with weather caps for the protection of nozzles. Front/Side mounted Nozzle with lockable holder and safety lever/latch to firmly hold the nozzle when not in use shall be provided.	Hoses are directly parked/hold on nozzle holder of Dispenser. Also, No weather cap is provided for the nozzle. Owner needs to provide the canopy / shed for protecting the Dispenser. Bidder request Owner/PMC to confirm the same.	Noted

74	Vol.II	30 of 58	7.1.30	Coalescent filter.....	On the fly skid equipped with the Coalescent filter need to be considered, Which is excluded from the tender requirement. Hence, Bidder understands that the Coalescent filter is excluded from the Bidder's scope of supply. Bidder requests Owner/PMC to confirm the same.	Noted
75	Vol.II	41 of 58	16.1	Data Sheet of Mass flow meter	Fluid data : CNG / GAS --- Not applicable As its LNG Dispenser. Bidder requests Owner/PMC to confirm the same.	Noted
76	Vol.II	43 of 58	16.3	Data sheet of LNG Dispenser	Dual Hose: One Liquid Hose & One Vent Hose per Dispenser shall be provided. Bidder requests Owner/PMC to accept the same.	Acceptable
77				General	Bidder has not envisaged any canopy/shed in scope of supply.	Bidder understanding is ok
78	Vol.I	86 of 138	2.0 of Section -V Technical Specification	Flow Rate - 80 GPM MAX	Bidder has reviewed the Tender documents in detail and understands that the Max flow required at dispensing side is 50 GPM. Bidder requests Owner/PMC to confirm the same.	The flow rate ranging from 50 GPM to 80 GPM (max) is acceptable.
79	Vol.I	90 of 138	18	Payment Terms	Bidder requests to consider the payment terms as below: A For supply of equipment/material:- i.30% payment against the acceptance of order and ABG of equivalent amount. ii.50% payment against the readiness of Dispenser at supplier's works. iii.10% payment on completion of erection works. iv.10% on commissioning, submission of final / as built documents or within 60 days from the date of dispatch.	Tender condition prevails.
80	Vol.I	20 of 138	35	Contract Performance Bank Guarantee	In case the work is delayed beyond the Scheduled Completion date, due to any reason not attributable to Bidder, Bidder can extend the Contract Performance Bank Guarantee and the cost towards extending the Bank Guarantee shall be paid extra by Owner. Bank guarantee equivalent to 10% of order value needs to be Submitted	Tender condition prevails.
81				General	If Dispensers are laying ready to dispatch as per the execution time line given in tender and Owner will not provide the dispatch clearance / Lift the ready material, Owner will release the milestone payment with full taxes within 15 days from the intimation of readiness of material by Bidder/Contractor and PI on pro rata basis.	Tender condition prevails.
82				General	Bidder requests to consider that In case of delay in lifting the ready material for reasons not attributable to the Bidder, holding charges equivalent to the LD shall be paid by Owner to the Bidder.	Tender condition prevails.
83				General	As bidder's scope of supply is limited to supplying the Dispensers only and not the entire facility, Bidder request Owner/PMC to exclude the scope of Annual maintenance from the Bidder's scope of supply. However, Bidder will provide the List of spares required to be maintained along with the prices. Also bidder will provide the bimonthly inspection and maintenance for the supplied dispenser where cost of consumable shall be bare by Owner. Bidder request Owner/PMC to accept the same.	The bidder scope consist of supply, erection & commissioning of dispenser as one item of the tender, and another item contains the Warranty period maintenance with spares & service for 1 year from the date of commissioning and third item is the AMC maintenance with spares & service for 4 years.
84				General	Bidder understands that the type approval from PESO and W&M of LNG Dispenser is in Bidder's Scope. However, getting the filling permission from the statutory body is in Owner's scope.	Bidder understanding is correct.
85	-	-	-	PP-LC Policy	Bidder requests Owner/PMC to consider the purchase preference for Local Content (PP-LC) as per the government norms.	Tender condition prevails.
86	Vol.I	53 of 138	25	Price Reduction Schedule for Delayed Delivery	Bidder understands that the Price Reduction clause is applicable only if the reason for delay is solely attributable to Bidder. Bidder requests Owner to confirm the same.	Tender condition prevails.

