



Construction of Landscape Works and all allied works including Operation & Maintenance for 60 months for irrigation and Landscape works and DLP for 2 years for all works including Civil works at AURIC - Shendra (Ref No: AITL/SBIA/2018-19/01)

In reference to the pre-bid queries received by AITL and the pre-bid meeting held at the office of AITL at Mumbai on 6<sup>th</sup> June 2018, Bidders are requested to take note of the Responses and Clarifications to the Pre-Bid Queries provided below.

Please note that all the queries are referenced to the Bidder's provided query references.

Date: 11<sup>th</sup> June 2018

Response and clarification to pre-bid queries

Sr. no.	Clause Ref No. / Page No.	Description of Clause as per Tender	Query / Desired Modification	Employer's response
1.	2.8 (Irrigation BOQ)	Swing Connecting Assembly 1"- Rainbird/Lasco USA etc. item complete	1) In the entire Irrigation make list, Hunter Industries Inc. USA, being a innovator & world leading Irrigation manufacturer should give equal opportunities to participate by product wise in comparisons with other brand. 2) Hunter Industries is largest manufacturer of irrigation Accessories & have proven its experience of using in India our 20 + year. Hunter Industries manufacture the best qualities of swing joint assembly which can withstand to high pressure requirement As HUNTER pop ups (clause 2.1 of Irrigation BOQ) are well compatible with hunter swing joints	Hunter or equivalent make will be allowed for these items. All materials have to be approved by the employer's engineer

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			4) So requesting you to add HUNTER as a alternative Make and in BOQ description also only 2 makes are mentioned	
2	3.1(Irrigation BOQ)	Providing of 16mm – 4 Bar Pressure Rating 1.2mm Thickness, LEED compliant, PE pipe –together with all required accessories. Make :Netafim/Rainbird/Metzer (Brown Color)	1) Specified Brown colour tubing which is manufacture by all three specified make manufacturer are imported items. Therefore the cost is extremely high, though it is simple drip irrigation system & the same specification in black are available with Jain Irrigation system Ltd, Finolex Plasson Industries Pvt Ltd & many drip manufacturer in India & rely on Shri. Narendra Modi Prime Minister's Visionary Make in India scheme and we highly believe it should be included. 2)Therefore Local manufacturer should have equal opportunities to participate if not Hunter Industries does manufacture same specified tubing but make is not specified in make list. Hence therefore consider Hunter as make.	Black tube will be accepted as long as the specifications as regards to the thickness of the tube is met and its strength is demonstrated and approved by the Employers engineer. Hunter or equivalent make will be allowed for these items. All materials have to be approved by the employers engineer
3	3.2(Irrigation BOQ)	Providing INLINE Drip 16mm 50CM 2.3LPH,4 Bar Pressure Rating,1.2mm Thickness together with all required accessories.	1) Specified Brown colour tubing which is manufacture by all three specified make manufacturer are imported items. Therefore the cost is extremely high, though it is simple drip irrigation	Black tube will be accepted as long as the specifications as regards to the thickness of the tube is met and its strength is demonstrated and approved by the Employers engineer.

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		Make: Netafim, Rainbird, Metzer (Brown Color)	system & the same specification in black are available with Jain Irrigation system Ltd, Finolex Plasson Industries Pvt Ltd & many drip manufacturer in India & rely on Shri. Narendra Modi Prime Minister's Make in India Policy. 2)Therefore Local manufacturer should have equal opportunities to participate if not Hunter Industries does manufacture same specified tubing but make is not specified in make list. Hence therefore consider Hunter as make.	Hunter or equivalent make will be allowed for these items. All materials have to be approved by the employers engineer
4	4.7(Irrigation BOQ)	Rectangular Valve Box 12' Make :Carson Brooks/Rainbird	Carson Brooks group is no more manufacture of valve boxes, Hence therefore Only Rain Bird is make which is specified, Therefore equivalent or NDS USA make should be consider.	Carson brooks will be substituted with Dura or equivalent make. All materials have to be approved by the employer's engineer
5	4.8(Irrigation BOQ)	Round Valve Box 10" Make : Carson Brooks/Rainbird	Carson Brooks group is no more manufacture of valve boxes, Hence therefore Only Rain Bird is make which is specified, Therefore equivalent or NDS USA make should be consider.	Carson brooks will be substituted with Dura or equivalent make. All materials have to be approved by the employer's engineer
6	6.4(Irrigation BOQ)	Jumbo Valve Box (Rainbird/Toro/Dura)	Carson Brooks group is no more manufacture of valve boxes, Hence therefore Only Rain Bird is make which is specified, Therefore equivalent or NDS USA make should be consider.	Carson brooks will be substituted with Dura or equivalent make. All materials have to be approved by the employer's engineer

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7	7.8(Irrigation BOQ)	Fertigation pump-Hydraulic Type- Maximum flow- 640 LPH	1)Make is not specified in BOQ	Consider the following makes or equivalent - Amiad/Netafim/Dosatran. All materials have to approved by the employer's engineer
8	9.1(Irrigation BOQ)	Central Control – software for controller with ET,Global weather, flow sensing, communication Report by mail and optional cloud control to be operated with mobile or any other computer excluding computer	Central control system is single proprietary system can only functional with compatible automation of same make, Hunter has IMMS as Web cloud base central control system which can suffices with specification mention in BOQ clause 9.1. Hence requesting to add Hunter as specified make.	Hunter or equivalent make will be allowed for these items. All materials have to approved by the employer's engineer
9	9.3(Irrigation BOQ)	Irrigation Controller – 0-50 station, expandable up to 200 station with expansion module,outdoor,230 vacunit, capable of running six independent programs with power back up lithium coin- Cell Battery Make- : Toro/Rain Bird/Netafim	1) It look contradictory that some of the automation product mention in BOQ use as Hunter & some of them are not being consider therefore requesting to consider Hunter Irrigation automation product 2) Hunter as make also mention clause 9.08 to 9.14) for decoder which can only be compatible with Hunter controller with same specification mention BOQ clause 9.3 3) Netafim controller are mostly used in Agriculture field & not manufacture for specification mention in BOQ with Decoder base system 4) Requesting to provide Hunter as alternative make	Hunter or equivalent make will be allowed for these items. All materials have to approved by the employer's engineer

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10	9.5(Irrigation BOQ)	2" solenoid valve- BSP female Threaded, pressure- 1 to 10 Bar Make : Toro/Rainbird/Bermad	Mentioned make is not compatible with Hunter decoder system as per mention in clause BOQ 9.3 & BOQ 9.08 to 9.14. Requesting to add Hunter make	Hunter or equivalent make will be allowed for these items. All materials have to approved by the employer's engineer
11	9.6(Irrigation BOQ)	1 1/2" solenoid valve- BSP female Threaded, pressure- 1 to 10 Bar Make : Toro/Rainbird/Bermad	Mentioned make is not compatible with Hunter decoder system as per mention in clause BOQ 9.3 & BOQ 9.08 to 9.14. Requesting to add Hunter make	
12	9.7(Irrigation BOQ)	1" solenoid valve- BSP female Threaded, pressure- 1 to 10 Bar Make : Toro/Rainbird/Bermad	Mentioned make is not compatible with Hunter decoder system as per mention in clause BOQ 9.3 & BOQ 9.08 to 9.14. Requesting to add Hunter make	
13	9.15(Irrigation BOQ)	Maxi – Direct Burial Decoder cable 12/2 (Paige/Rain bird)	Requesting to add Hunter as one alternative make, as only two makes are provided.	
14	9.16(Irrigation BOQ)	Maxi – Direct Burial Decoder cable 14/2 (Paige/Rain bird)	Requesting to add Hunter as one alternative make, as only two makes are provided.	
15	9.17(Irrigation BOQ)	Direct burial control cable 16/1 (Paige/Rainbird)	Requesting to add Hunter as one alternative make, as only two makes are provided.	
16	9.18(Irrigation BOQ)	Direct burial control cable 12/1 (Paige/Rainbird)	Requesting to add Hunter as one alternative make, as only two makes are provided.	
17	9.19(Irrigation BOQ)	Direct burial control cable 14/1 (Paige/Rainbird)	Requesting to add Hunter as one alternative make, as only two makes are provided.	

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18	9.27(Irrigation BOQ)	Voltage Stabilizer 0.5 KVA (Rainbird/Toro/Hunter)	Voltage stabilizer not manufacture by makes mention in BOQ. Insist to add alternative make as Servo/Luminous	Vgaurd/Luminous/ Servo or equivalent makes will be considered. All materials have to approved by the employer's engineer
19	4.2(Irrigation BOQ)	c) PVC ball valve 63 mm PN 16 Make : GF/FIP/Astore	Please clarify FIP stand for.	It is a company from Italy working since 1954. F.I.P Irrigation Services
20	4.3(Irrigation BOQ)	d) PVC ball valve 50 mm PN 16 Make : GF/FIP/Astore	Please clarify FIP stand for.	
21	4.4(Irrigation BOQ)	e) PVC ball valve 40 mm PN 16 Make : GF/FIP/Astore	Please clarify FIP stand for.	
22	3.2.1 Technical Capacity for purposes of Evaluation	Category 2 : Project Experience on Landscape plus Hardscape projects and allied civil works in the completion of landscape and hardscape works for SEZ Industrial Park, Real Estate Development, Gateway Structures and Waterfront development of similar nature where the landscape area of the project is a minimum of 20 Hectare	Do give relaxation in area mentioned in category 2	RFP cum RFQ conditions remain the same
23	3.2.1 Technical Capacity for purposes of Evaluation	1. Net Worth: The Bidder shall have a minimum Net Worth (the "Financial Capacity") of Rs. 25 Crore. (Rupees Twenty Five Crores Only)] at the close of the preceding financial year.) 2. Further, Lead member shall meet at least 75% requirements and each of other JV members shall meet 25% of the Financial Capacity required as	1. In Clause B (Financial Capacity, Page 25 of Contract Bid Document), Net Worth as mentioned of Rs 25 Crore is too high. Kindly reconsider. 2. In Clause 2.2.3 (Financial Capacity, Page 25 of Contract Bid Document) - For JV, condition as	RFP cum RFQ conditions remain the same



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		per Clause 2.2.2 (B). However, 2.2.2 B (b) shall be met by all members of the JV/consortium.	mentioned for Lead partner should be 75% is too high. It can be lesser too. Kindly reconsider.	

Sd/-

Managing Director  
AITL