



कार्यालय - मिशन संचालक

जल जीवन मिशन

(लोक स्वास्थ्य यांत्रिकी विभाग, छत्तीसगढ़ शासन)

नीर भवन, सिविल लाईन्स, रायपुर - 492 001 (छत्तीसगढ़)

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हर घर जल
जल जीवन मिशन

कार्यालयीन आदेश

आदेश क्रमांक 02. / जेजेएम-1 / मिशन संचालक / 2023,

रायपुर, दिनांक 22/02/2024


एतद् द्वारा छत्तीसगढ़ राज्य में जल जीवन मिशन अंतर्गत आमंत्रित EOI-26 अंतर्गत नल जल योजनाओं में लगने वाले "Expression of Interest for Empanelment of Manufacturers with JJM for Electro Chlorinator System which is to be used for potable water supply under Jal Jeevan Mission Programme in the state" हेतु सरल क्र. 1 से 4 तक निर्माता ईकाईयों को आदेश क्र. 82 दिनांक 06.10.2023 द्वारा प्रथम चरण में सूचीबद्ध किया गया था। इसी की निरंतरता में द्वितीय चरण हेतु निम्नानुसार निर्माता ईकाईयों को सरल क्र. 5 से 8 तक सूचीबद्ध किया जाता है:-

क्र.	निर्माता ईकाई का नाम एवं विवरण	छ.ग.ज.जी.मि. का सूचीबद्ध क्रमांक (CGJJM Empanelment No.)
5	M/s Harambh Chemicals (Pvt.) Ltd. B-30/2A-5, Gangabag Colony, Lanka, Varanasi, Uttar Pradesh - 221005 GSTIN No. - 09AABCH7352J1ZC	CGJJM EOI-26 P-01 F-5
6	M/s RSVP Chloro Tech H.No.1, Behind Nageshwar Mandir, Kachnaar Road, Piyush Colony, Amlidih, Raipur, Chhattisgarh GSTIN No. - 33HAUPS8837L1ZH	CGJJM EOI-26 P-01 F-7
7	M/s UNICARE Technologies Pvt. Ltd. Gate No. 1327, Vrindavan Park, Opp Karnal Motors, Pune- Nagar Road, Wagholi, Pune, Maharashtra - 412207 GSTIN No. - 27AAACU9454F1Z4	CGJJM EOI-26 P-01 F-8
8	M/s Exotic Elements, B-1, Sai Samarth Society, Link Road, Chincholi, Bunder, Malad-West, Mumbai, Maharashtra - 400064 GSTIN No. - 27ABRPT8408P1Z1	CGJJM EOI-26 P-01 F-10

उक्त 4 निर्माता ईकाईयों द्वारा दिनांक 07.12.2023 को आयोजित बैठक के कार्यवाही विवरण एवं चेकलिस्ट अनुसार अपनी सहमति प्रदान की है। तदनुसार चेकलिस्ट तैयार की गई है जिसका पालन सुनिश्चित किया जावे।

Approved By Mission Director

सहपत्र :- Checklist


अतिरिक्त मिशन संचालक
जल जीवन मिशन,
नीर भवन, रायपुर, (छ.ग.)


पृ0क्रमांक 408. / जेजेएम-1 / मिशन संचालक / 2023
प्रतिलिपि:-

रायपुर, दिनांक 22/02/2024

1. सचिव, छत्तीसगढ़ शासन, लोक स्वा.यां.विभाग एवं सदस्य सचिव, राज्य जल एवं स्वच्छता मिशन, मंत्रालय महानदी भवन, अटल नगर, नवा रायपुर की ओर सूचनार्थ संप्रेषित।
2. प्रमुख अभियंता, लोक स्वा.यां.विभाग, छ.ग. नवा रायपुर की ओर सूचनार्थ प्रेषित।
3. समस्त मुख्य अभियंता, लोक स्वा.यां.विभाग की ओर सूचनार्थ प्रेषित।
4. समस्त अधीक्षण अभियंता, लोक स्वा.यां.विभाग की ओर सूचनार्थ प्रेषित।
5. समस्त कलेक्टर एवं अध्यक्ष, जिला जल एवं स्वच्छता मिशन की ओर सूचनार्थ एवं पालनार्थ प्रेषित।

6. समस्त कार्यपालन अभियंता एवं सदस्य सचिव जिला जल एवं स्वच्छता मिशन, लोक स्वास्थ्य यांत्रिकी विभाग की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
7. समस्त शाखा प्रभारी, कार्यालय मिशन संचालक, जल जीवन मिशन, नीर भवन, रायपुर की ओर सूचनार्थ प्रेषित।
8. कार्यालय मिशन संचालक, जल जीवन मिशन मुख्यालय, रायपुर की गार्ड फाईल में नस्तीबद्ध करने हेतु।

Approved By Mission Director


अतिरिक्त मिशन संचालक
जल जीवन मिशन,
नीर भवन, रायपुर, (छ.ग.)

Checklist for Electro-Chlorinator System

S.no.	Particulars	Yes / No (Fill Details if applicable)					
1	2	3					
1	Name of Manufacturer						
2	Name of Contractor						
3	Agreement Number						
4	Work Order Number						
5	Name of Village-						
6	Name of Gram Panchayat-						
7	Name of Block -						
8	Name of District-						
9	Capacity of Electro-Chlorinator System <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">25 gm/hr</td> <td style="width: 20%;">50 gms/hr</td> <td style="width: 20%;">100gms/hr</td> <td style="width: 20%;">150gms/hr</td> <td style="width: 20%;">250gms/hr</td> </tr> </table>	25 gm/hr	50 gms/hr	100gms/hr	150gms/hr	250gms/hr	
25 gm/hr	50 gms/hr	100gms/hr	150gms/hr	250gms/hr			
10	Serial no. and manufacturing year of Electro-Chlorinator System (embossed/engraved in platinum plate)						
11	Date of installation of Electro-Chlorinator System						
12	Pre delivery inspection certificates of Electro-Chlorinator System from TPI agency such as SGS/ DGS&D/ RITES/IR CLASS System and solution Pvt. Ltd..						
13	Invoice of the purchase of the Electro-Chlorinator System.						
14	"Government of CG and JJM" logo should be embossed or printed on the product.						

S.no.	Particulars	Yes / No (Fill Details if applicable)																				
1	2	3																				
15	<p>The electrolyzer tank/brine solution tank shall be of cylindrical shape of material PVC/FRP VE/Engineering plastic, 6-8 mm thick. It shall be separate tank, not integrated with hypochlorite solution/dosing tank.</p> <p>Capacity of the above tank for -</p> <table><tr><td>i.</td><td>25 gm/hour, batch i.e. 200 gms/8 Hrs</td><td>-</td><td>35 L</td></tr><tr><td>ii.</td><td>50 gms/hr, batch i.e. 400 gms/8 Hrs</td><td>-</td><td>70L</td></tr><tr><td>iii.</td><td>100gms/hr, batch i.e. 800 gms/8 Hrs</td><td>-</td><td>140L</td></tr><tr><td>iv.</td><td>150gms/hr, batch i.e. 3000 gms/20 Hrs</td><td>-</td><td>600L</td></tr><tr><td>v</td><td>250gms/hr, batch i.e. 5000 gms/20 Hrs</td><td>-</td><td>1000L</td></tr></table>	i.	25 gm/hour, batch i.e. 200 gms/8 Hrs	-	35 L	ii.	50 gms/hr, batch i.e. 400 gms/8 Hrs	-	70L	iii.	100gms/hr, batch i.e. 800 gms/8 Hrs	-	140L	iv.	150gms/hr, batch i.e. 3000 gms/20 Hrs	-	600L	v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	1000L	
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iv.	150gms/hr, batch i.e. 3000 gms/20 Hrs	-	600L																			
v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	1000L																			
16	<p>The hypochlorite solution tank shall be of cylindrical shape of material PVC/FRP VE/Engineering plastic, 6-8 mm thick. It shall be separate tank, not integrated with brine solution tank.</p> <p>Capacity of the above tank for –</p> <table><tr><td>i.</td><td>25 gm/hour, batch i.e. 200 gms/8 Hrs</td><td>-</td><td>50L</td></tr><tr><td>ii.</td><td>50 gms/hr, batch i.e. 400 gms/8 Hrs</td><td>-</td><td>100L</td></tr><tr><td>iii.</td><td>100gms/hr, batch i.e. 800 gms/8 Hrs</td><td>-</td><td>200L</td></tr><tr><td>iv.</td><td>150gms/hr, batch i.e. 3000 gms/20 Hrs</td><td>-</td><td>600L</td></tr><tr><td>v</td><td>250gms/hr, batch i.e. 5000 gms/20 Hrs</td><td>-</td><td>1000L</td></tr></table>	i.	25 gm/hour, batch i.e. 200 gms/8 Hrs	-	50L	ii.	50 gms/hr, batch i.e. 400 gms/8 Hrs	-	100L	iii.	100gms/hr, batch i.e. 800 gms/8 Hrs	-	200L	iv.	150gms/hr, batch i.e. 3000 gms/20 Hrs	-	600L	v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	1000L	
i.	25 gm/hour, batch i.e. 200 gms/8 Hrs	-	50L																			
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iii.	100gms/hr, batch i.e. 800 gms/8 Hrs	-	200L																			
iv.	150gms/hr, batch i.e. 3000 gms/20 Hrs	-	600L																			
v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	1000L																			
17	The Grade 1 Titanium sheet electrode shall be of 2 mm thickness, DSA MMO Coated – 6 Micron, PVC/FRP/Acrylic.																					
18	<p>Dosing pump shall be provided with water flow censor for automatic operation/dosing of hypo chlorite solution. Dosing pump of specials quality (1W + 1S) suitable to handle hypo chlorite solution.</p> <p>Rating of Dosing Pump –</p> <table><tr><td>i.</td><td>25 gm/hour, batch i.e. 200 gms/8 Hrs</td><td>-</td><td>12.0 LPH @ 3 Bar</td></tr><tr><td>ii.</td><td>50 gms/hr, batch i.e. 400 gms/8 Hrs</td><td>-</td><td>12.0 LPH @ 3 Bar</td></tr><tr><td>iii.</td><td>100gms/hr, batch i.e. 800 gms/8 Hrs</td><td>-</td><td>12.0 LPH @ 3 Bar</td></tr><tr><td>iv.</td><td>150gms/hr, batch i.e. 3000 gms/20 Hrs</td><td>-</td><td>50.0 LPH @ 3 Bar</td></tr><tr><td>v</td><td>250gms/hr, batch i.e. 5000 gms/20 Hrs</td><td>-</td><td>100.0 LPH @ 3 Bar</td></tr></table>	i.	25 gm/hour, batch i.e. 200 gms/8 Hrs	-	12.0 LPH @ 3 Bar	ii.	50 gms/hr, batch i.e. 400 gms/8 Hrs	-	12.0 LPH @ 3 Bar	iii.	100gms/hr, batch i.e. 800 gms/8 Hrs	-	12.0 LPH @ 3 Bar	iv.	150gms/hr, batch i.e. 3000 gms/20 Hrs	-	50.0 LPH @ 3 Bar	v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	100.0 LPH @ 3 Bar	
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v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	100.0 LPH @ 3 Bar																			
19	Dosing of hypochlorite solution shall be mandatory at outlet/delivery pipe of over head tank.																					

S.no.	Particulars	Yes / No (Fill Details if applicable)																				
1	2	3																				
20	Dosing pump shall be with microprocessor based PLC for automatic control of dosing operations (with manual by passing arrangement).																					
21	<p>Power pack consisting of transformer rectifier for generating suitable DC current from AC supply.</p> <p>DC Power Supply / Rectifier Unit –</p> <table><tr><td>i.</td><td>25 gm/hour, batch i.e. 200 gms/8 Hrs</td><td>-</td><td>1 Ph, 230 V, 50 Hz O/p: 0-6 V, 0- 40 A</td></tr><tr><td>ii.</td><td>50 gms/hr, batch i.e. 400 gms/8 Hrs</td><td>-</td><td>1 Ph, 230 V, 50 Hz O/p: 0-6 V, 0- 50 A DC</td></tr><tr><td>iii.</td><td>100gms/hr, batch i.e. 800 gms/8 Hrs</td><td>-</td><td>1 Ph, 230 V, 50 Hz O/p: 0-12 V, 0-100 A DC</td></tr><tr><td>iv.</td><td>150gms/hr, batch i.e. 3000 gms/20 Hrs</td><td>-</td><td>3 Ph, 415 V, 50 Hz O/p: 0-30 V, 0-100 A DC</td></tr><tr><td>v</td><td>250gms/hr, batch i.e. 5000 gms/20 Hrs</td><td>-</td><td>3 Ph, 415 V, 50 Hz O/p: 0-30 V, 0-100 A DC</td></tr></table>	i.	25 gm/hour, batch i.e. 200 gms/8 Hrs	-	1 Ph, 230 V, 50 Hz O/p: 0-6 V, 0- 40 A	ii.	50 gms/hr, batch i.e. 400 gms/8 Hrs	-	1 Ph, 230 V, 50 Hz O/p: 0-6 V, 0- 50 A DC	iii.	100gms/hr, batch i.e. 800 gms/8 Hrs	-	1 Ph, 230 V, 50 Hz O/p: 0-12 V, 0-100 A DC	iv.	150gms/hr, batch i.e. 3000 gms/20 Hrs	-	3 Ph, 415 V, 50 Hz O/p: 0-30 V, 0-100 A DC	v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	3 Ph, 415 V, 50 Hz O/p: 0-30 V, 0-100 A DC	
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v	250gms/hr, batch i.e. 5000 gms/20 Hrs	-	3 Ph, 415 V, 50 Hz O/p: 0-30 V, 0-100 A DC																			
22	The control switch for dosing pumps etc. through MCB's contacts, relays and wiring.																					
23	Control Panel shall be mounted On DC supply unit.																					
24	Entire chlorine solution pipeline shall be of PVC.																					
25	User manual in stainless steel plate (2 mm) with letters engraved in red color (Hindi & English) shall be provided by Manufacturer and shall be fixed by the Contractor near the Electro-chlorinator system.																					
26	Chlorine test kit suitable to measure residual chlorine up to 5 ppm.																					
27	Cement Concrete pedestal with 20 cm height and 20 cm offset shall be provided by Manufacturer to accommodate the whole electro-chlorinator system.																					

Sub Engineer

Assistant Engineer

Contractor

Representative of Manufacturer