

Technical Specifications

SL. No	Description and Technical Specification of the item	QTY	UNIT	Deliv ery																				
1	IARM 287 A Nickel Base Disc: IARM 287 A Nickel Base Disc Size:38x19mm; Make:ARMI Grade: Udimet 500 / UNS N07500 Part Number (Q.A. NO.): IARM 287A Composition (Approx.)in wt% <table><tr><td>Element</td><td>Al</td><td>Sb</td><td>B</td><td>C</td><td>Co</td><td>Cr</td><td>Cu</td></tr><tr><td>Value</td><td>3.02</td><td>0.00004</td><td>0.009</td><td>0.079</td><td>16.99</td><td>18.47</td><td>0.001</td></tr></table> Element Fe Pb Mg Mn Mo N Nb Value 0.086 0.0001 0.0023 0.002 3.51 0.0007 0.022 Element Ni O P Si Ag S Value 54.8 0.0005 0.001 0.020 (0.00001) 0.0008 Element Ta Sn Ti W V Y Zr Value 0.010 0.0002 3.02 0.013 0.004 (0.0790) 0.008	Element	Al	Sb	B	C	Co	Cr	Cu	Value	3.02	0.00004	0.009	0.079	16.99	18.47	0.001	1	NO	28 Days				
Element	Al	Sb	B	C	Co	Cr	Cu																	
Value	3.02	0.00004	0.009	0.079	16.99	18.47	0.001																	
2	28 X 6251 M Inconel Disc: 28 X 6251 M Inconel Disc Size:40x15mm; Make:MBH Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>S</td><td>P</td><td>Mn</td><td>Cu</td><td>Fe</td><td>Nb</td></tr><tr><td>Value</td><td>0.0026</td><td>0.251</td><td>0.0012</td><td>0.002</td><td>0.0694</td><td>0.0570</td><td>4.22</td><td>2.64</td></tr></table> Element Cr Mo Co Ti Al B Ni Ta Value 20.22 9.60 0.0080 0.0096 0.006 0.0040 62.93 0.0112	Element	C	Si	S	P	Mn	Cu	Fe	Nb	Value	0.0026	0.251	0.0012	0.002	0.0694	0.0570	4.22	2.64	1	NO	28 Days		
Element	C	Si	S	P	Mn	Cu	Fe	Nb																
Value	0.0026	0.251	0.0012	0.002	0.0694	0.0570	4.22	2.64																
3	28 X 6255 M Inconel Disc: 28 X 6255 M Inconel Disc Size:40x15mm; Make:MBH Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>S</td><td>P</td><td>Mn</td><td>Cu</td><td>Fe</td><td>Co</td><td>Nb</td></tr><tr><td>Value</td><td>0.0342</td><td>0.448</td><td>0.0080</td><td>0.0105</td><td>0.2034</td><td>0.0647</td><td>2.03</td><td>0.164</td><td>4.09</td></tr></table>	Element	C	Si	S	P	Mn	Cu	Fe	Co	Nb	Value	0.0342	0.448	0.0080	0.0105	0.2034	0.0647	2.03	0.164	4.09	1	NO	28 Days
Element	C	Si	S	P	Mn	Cu	Fe	Co	Nb															
Value	0.0342	0.448	0.0080	0.0105	0.2034	0.0647	2.03	0.164	4.09															

	Element Cr Mo Ti Al Ta Ni B Pb Sn Value 19.65 8.32 0.346 0.334 0.093 64.16 0.0101 0.0005 0.0012			
4	215 X HC1M Nickel Disc: 215 X HC1M Nickel Disc Size:40x15mm; Make:MBH Composition (Approx.)in wt% Element C Si S Mn Cu Fe Cr Value 0.0255 0.493 (0.0018) 1.272 0.024 4.03 15.62 Element Mo Co V W Al Ti N Value 19.72 2.49 0.149 3.59 0.008 0.267 0.0040	1	NO	28 Days
5	215 X HC2K Nickel Disc: 215 X HC2K Nickel Disc Size:40x15mm; Make:MBH Composition (Approx.)in wt% Element C Si S Mn Fe Cr Mo Value 0.0455 1.22 0.0163 0.909 2.97 16.46 18.44 Element Co V W Al Ti N Ni Value 1.70 0.282 4.02 0.005 0.181 0.0091 (53.8)	1	NO	28 Days
6	212 x 05500 A Nickel Disc: 212 x 05500 A Nickel Disc Size:40x15mm; Make:MBH Composition (Approx.)in wt% Element C Si S P Mn Cu Cr Fe Value 0.135 0.167 0.0010 0.0031 0.634 29.91 0.073 1.162 Element Co Ti Al Mg Zr B Ni N Value (0.0090) 0.632 3.00 0.0098 0.0343 0.0015 64.3 0.0010	1	NO	28 Days

7	SS CRM 464/1 Austenitic Stainless Steel: SS CRM 464/1 Austenitic Stainless Steel Disc Size:38x15mm; Make:BAS CATALOGUE NO. 932, MARCH 2025 Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>Mn</td><td>S</td><td>P</td><td>Cr</td><td>Ni</td></tr><tr><td>Value</td><td>0.086</td><td>0.57</td><td>0.791</td><td>0.028</td><td>0.020</td><td>25.39</td><td>20.05</td></tr></table> Element As Co Pb <table><tr><td>Value</td><td>0.003</td><td>0.054</td><td>0.0004</td></tr></table>	Element	C	Si	Mn	S	P	Cr	Ni	Value	0.086	0.57	0.791	0.028	0.020	25.39	20.05	Value	0.003	0.054	0.0004	1	NO	28 Days										
Element	C	Si	Mn	S	P	Cr	Ni																											
Value	0.086	0.57	0.791	0.028	0.020	25.39	20.05																											
Value	0.003	0.054	0.0004																															
8	SS CRM 466/2 Austenitic Stainless Steel: SS CRM 466/2 Austenitic Stainless Steel Disc Size:38x19mm; Make:BAS CATALOGUE NO. 932, MARCH 2025 Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>Mn</td><td>S</td><td>P</td><td>Cr</td><td>Mo</td></tr><tr><td>Value</td><td>0.0141</td><td>0.480</td><td>1.311</td><td>0.0069</td><td>0.0105</td><td>17.84</td><td>2.776</td></tr></table> Element Ni Al As B Co Cu N <table><tr><td>Value</td><td>10.20</td><td>0.002</td><td>0.0020</td><td>0.0039</td><td>0.0184</td><td>0.0278</td><td>0.0508</td></tr></table> Element Nb Pb Sn Ti V <table><tr><td>Value</td><td>0.001</td><td>0.0001(max)</td><td>0.001(max)</td><td>0.002</td><td>0.0346</td></tr></table>	Element	C	Si	Mn	S	P	Cr	Mo	Value	0.0141	0.480	1.311	0.0069	0.0105	17.84	2.776	Value	10.20	0.002	0.0020	0.0039	0.0184	0.0278	0.0508	Value	0.001	0.0001(max)	0.001(max)	0.002	0.0346	1	NO	28 Days
Element	C	Si	Mn	S	P	Cr	Mo																											
Value	0.0141	0.480	1.311	0.0069	0.0105	17.84	2.776																											
Value	10.20	0.002	0.0020	0.0039	0.0184	0.0278	0.0508																											
Value	0.001	0.0001(max)	0.001(max)	0.002	0.0346																													
9	SS CRM 467/1 Austenitic Stainless Steel: SS CRM 467/1 Austenitic Stainless Steel Disc Size:38x19mm; Make:BAS CATALOGUE NO. 932, MARCH 2025 Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>Mn</td><td>S</td><td>P</td><td>Cr</td></tr><tr><td>Value</td><td>0.082</td><td>0.52</td><td>0.788</td><td>0.019</td><td>0.018</td><td>18.09</td></tr></table> Element Ni As Nb Pb Ta <table><tr><td>Value</td><td>9.21</td><td>0.004</td><td>0.99</td><td>0.004</td><td>0.0017</td></tr></table>	Element	C	Si	Mn	S	P	Cr	Value	0.082	0.52	0.788	0.019	0.018	18.09	Value	9.21	0.004	0.99	0.004	0.0017	1	NO	28 Days										
Element	C	Si	Mn	S	P	Cr																												
Value	0.082	0.52	0.788	0.019	0.018	18.09																												
Value	9.21	0.004	0.99	0.004	0.0017																													

10	SS CRM 475 Stainless Steel: SS CRM 475 Stainless Steel Disc Size:38x19mm; Make:BAS CATALOGUE NO. 932, MARCH 2025 Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>Mn</td><td>S</td><td>P</td><td>Cr</td><td>Mo</td></tr><tr><td>Value</td><td>0.050</td><td>0.21</td><td>0.89</td><td>0.008</td><td>0.037</td><td>14.14</td><td>1.59</td></tr></table> <table><tr><td>Element</td><td>Ni</td><td>Al</td><td>Co</td><td>Cu</td><td>Nb</td><td>Sn</td></tr><tr><td>Value</td><td>5.66</td><td>0.013</td><td>0.22</td><td>1.94</td><td>0.22</td><td>0.015</td></tr></table>	Element	C	Si	Mn	S	P	Cr	Mo	Value	0.050	0.21	0.89	0.008	0.037	14.14	1.59	Element	Ni	Al	Co	Cu	Nb	Sn	Value	5.66	0.013	0.22	1.94	0.22	0.015	1	NO	28 Days		
Element	C	Si	Mn	S	P	Cr	Mo																													
Value	0.050	0.21	0.89	0.008	0.037	14.14	1.59																													
Element	Ni	Al	Co	Cu	Nb	Sn																														
Value	5.66	0.013	0.22	1.94	0.22	0.015																														
11	SS CRM 472 Stainless Steel: SS CRM 472 Stainless Steel Disc Size:38x19mm; Make:BAS CATALOGUE NO. 932, MARCH 2025 Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>Mn</td><td>S</td><td>P</td><td>Cr</td><td>Mo</td></tr><tr><td>Value</td><td>0.227</td><td>1.05</td><td>1.02</td><td>0.029</td><td>0.032</td><td>15.82</td><td>0.661</td></tr></table> <table><tr><td>Element</td><td>Ni</td><td>Co</td><td>Cu</td><td>V</td></tr><tr><td>Value</td><td>1.95</td><td>0.02</td><td>0.02</td><td>0.02</td></tr></table>	Element	C	Si	Mn	S	P	Cr	Mo	Value	0.227	1.05	1.02	0.029	0.032	15.82	0.661	Element	Ni	Co	Cu	V	Value	1.95	0.02	0.02	0.02	1	NO	28 Days						
Element	C	Si	Mn	S	P	Cr	Mo																													
Value	0.227	1.05	1.02	0.029	0.032	15.82	0.661																													
Element	Ni	Co	Cu	V																																
Value	1.95	0.02	0.02	0.02																																
12	SS CRM 486/1 High Speed Tool Steel: SS CRM 486/1 High Speed Tool Steel Disc Size:38x19mm; Make:BAS CATALOGUE NO. 932, MARCH 2025 Composition (Approx.)in wt% <table><tr><td>Element</td><td>C</td><td>Si</td><td>Mn</td><td>S</td><td>P</td><td>Cr</td><td>Mo</td></tr><tr><td>Value</td><td>0.74</td><td>0.27</td><td>0.21</td><td>0.021</td><td>0.029</td><td>4.54</td><td>5.20</td></tr></table> <table><tr><td>Element</td><td>Ni</td><td>Al</td><td>As</td><td>Co</td><td>Sn</td><td>V</td><td>W</td></tr><tr><td>Value</td><td>0.06</td><td>0.005(max)</td><td>0.016</td><td>0.08</td><td>0.014</td><td>1.82</td><td>5.80</td></tr></table>	Element	C	Si	Mn	S	P	Cr	Mo	Value	0.74	0.27	0.21	0.021	0.029	4.54	5.20	Element	Ni	Al	As	Co	Sn	V	W	Value	0.06	0.005(max)	0.016	0.08	0.014	1.82	5.80	1	NO	28 Days
Element	C	Si	Mn	S	P	Cr	Mo																													
Value	0.74	0.27	0.21	0.021	0.029	4.54	5.20																													
Element	Ni	Al	As	Co	Sn	V	W																													
Value	0.06	0.005(max)	0.016	0.08	0.014	1.82	5.80																													

13	DSZU CA 012 Steel Pins-1gm H: 5.4PPM: DSZU CA 012 Steel Pins-1gm H: 5.4PPM Form - 1gm Pins; Make:DSZU 50gm per pack or bottle BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition (Approx.) Element H O N Value 5.4PPM 0.0058% 0.0322%	1	NO	28 Days
14	NCS NS 20042 Steel Balls -1gm H:3.55PPM: NCS NS 20042 Steel Balls -1gm H:3.55PPM Form - 1gm balls; Make:NCS 20gm per pack or bottle BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition (Approx.) Element H Value 3.55PPM	2	NO	28 Days
15	NCS NS 11112 Steel Balls-1gm H:3.3PPM: NCS NS 11112 Steel Balls-1gm H:3.3PPM Form - 1gm balls; Make:NCS 50gm per pack or bottle BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition (Approx.) Element H O N Value 3.3PPM 0.0037% 0.046%	1	NO	28 Days
16	NCS NS 20025 b Steel Balls -1gm H:1.1PPM: NCS NS 20025 b Steel Balls -1gm H:1.1PPM Form - 1gm balls; Make:NCS 20gm per pack or bottle	2	NO	28 Days

	BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition (Approx.) Element H Value 1.1PPM			
17	T-91-BS 9905 A Steel Disc: T-91-BS 9905 A Steel Disc Size:38x19mm; Make:Brammer (UNS Number K90901) Composition (Approx.)in wt% Element C Mn P S Si Cu Ni Value 0.107 0.333 0.008 0.008 0.327 0.115 0.123 Element Cr Mo Al As Co N Nb Value 8.22 0.90 0.017 0.007 0.016 0.055 0.076 Element O Sn V W Value 0.0021 0.009 0.236 0.003	1	NO	28 Days
18	IARM Cu 182-21 Copper Disc: IARM Cu 182-21 Copper Disc Size:38x19mm; Make:ARMI BRAMMER STANDARD ONLINE CATALOG-COPPER SOLIDS Composition (Approx.)in wt% Element Cr Ag Al Fe Mn Ni Pb Value 0.96 0.0012 0.004 0.021 0.0004 0.0009 0.0004 Element Si Sn Zn Zr As C Value 0.016 0.0004 0.0032 0.106 0.0009 0.0017 Element Co Mg O P S Sb Value 0.0009 0.0045 0.0005 0.0027 0.0010 0.001	1	NO	28 Days

19	IARM CoR 30016-22 Cobalt Disc: IARM CoR 30016-22 Cobalt Disc Size:38x19mm; Make:ARMI Composition (Approx.)in wt% <table><tr><td>Element</td><td>Al</td><td>Cr</td><td>Mo</td><td>O</td><td>V</td><td>B</td><td>Cu</td></tr><tr><td>Value</td><td>0.054</td><td>30.9</td><td>0.97</td><td>0.0012</td><td>0.011</td><td>0.0021</td><td>0.015</td></tr></table> Element N P W C Fe Nb Si <table><tr><td>Value</td><td>0.026</td><td>0.0045</td><td>4.01</td><td>1.10</td><td>0.84</td><td>0.037</td><td>0.65</td></tr></table> Element Co Mn Ni Ti <table><tr><td>Value</td><td>57.6</td><td>1.50</td><td>2.86</td><td>0.0076</td></tr></table>	Element	Al	Cr	Mo	O	V	B	Cu	Value	0.054	30.9	0.97	0.0012	0.011	0.0021	0.015	Value	0.026	0.0045	4.01	1.10	0.84	0.037	0.65	Value	57.6	1.50	2.86	0.0076	1	NO	28 Days
Element	Al	Cr	Mo	O	V	B	Cu																										
Value	0.054	30.9	0.97	0.0012	0.011	0.0021	0.015																										
Value	0.026	0.0045	4.01	1.10	0.84	0.037	0.65																										
Value	57.6	1.50	2.86	0.0076																													
20	IARM Fe T23-18 Low Alloy Steel: IARM Fe T23-18 Low Alloy Steel Disc Size:38x19mm; Make:ARMI UNS K40712 Composition (Approx.)in wt% <table><tr><td>Element</td><td>B</td><td>Cu</td><td>Nb</td><td>S</td><td>V</td><td>C</td><td>Mn</td></tr><tr><td>Value</td><td>0.0020</td><td>0.046</td><td>0.052</td><td>0.006</td><td>0.238</td><td>0.068</td><td>0.82</td></tr></table> Element Ni Si W Co Mo O Sn <table><tr><td>Value</td><td>0.53</td><td>0.18</td><td>1.60</td><td>0.085</td><td>0.261</td><td>0.0044</td><td>0.004</td></tr></table> Element Cr N P Ti <table><tr><td>Value</td><td>2.47</td><td>0.003</td><td>0.012</td><td>0.004</td></tr></table>	Element	B	Cu	Nb	S	V	C	Mn	Value	0.0020	0.046	0.052	0.006	0.238	0.068	0.82	Value	0.53	0.18	1.60	0.085	0.261	0.0044	0.004	Value	2.47	0.003	0.012	0.004	1	NO	28 Days
Element	B	Cu	Nb	S	V	C	Mn																										
Value	0.0020	0.046	0.052	0.006	0.238	0.068	0.82																										
Value	0.53	0.18	1.60	0.085	0.261	0.0044	0.004																										
Value	2.47	0.003	0.012	0.004																													
21	BS 1233 Cobalt Disc: BS 1233 Cobalt Disc Size:44x19mm; Make:Brammer UNS Number R31233 Composition (Approx.)in wt% <table><tr><td>Element</td><td>Al</td><td>B</td><td>C</td><td>Co</td><td>Cr</td><td>Cu</td><td>Fe</td></tr><tr><td>Value</td><td>0.029</td><td>0.05(max)</td><td>0.073</td><td>54.5</td><td>25.1</td><td>0.009</td><td>3.21</td></tr></table> Element H Mn Mo N Ni O P <table><tr><td>Value</td><td>0.005(max)</td><td>0.90</td><td>4.65</td><td>0.059</td><td>8.89</td><td>0.005(max)</td><td>0.05(max)</td></tr></table>	Element	Al	B	C	Co	Cr	Cu	Fe	Value	0.029	0.05(max)	0.073	54.5	25.1	0.009	3.21	Value	0.005(max)	0.90	4.65	0.059	8.89	0.005(max)	0.05(max)	1	NO	28 Days					
Element	Al	B	C	Co	Cr	Cu	Fe																										
Value	0.029	0.05(max)	0.073	54.5	25.1	0.009	3.21																										
Value	0.005(max)	0.90	4.65	0.059	8.89	0.005(max)	0.05(max)																										

	Element S Si Ti V W Value 0.002 0.55 0.005 0.009 2.32			
22	AR 1652 O,N in Steel Pin-1gm: AR 1652 O,N in Steel Pin Form - 1gm Pins; Make: Alpha 100gm per pack or bottle BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition (Approx.) in wt% Element O N Value 0.00296 0.0579	1	NO	28 Days
23	SS-10-22 Steel Pins -0.5gm: SS-10-22 Steel Pins Form - 0.5gm Pins; Make:JSS 50gm per pack or bottle BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition (Approx.)in wt% Element O N Value 0.04507 0.00144	1	NO	28 Days
24	AR 635 Titamium Pin-0.1gm: AR 635 Titamium Pin- 0.1gm Form - 0.1gm Pins; Make:Alpha 10gm per pack or bottle BRAMMER STANDARD ONLINE CATALOG-COMBUSTION MATERIALS Composition(Approx.)in wt% Element H N O Value 0.0036 0.0150 0.142	1	NO	28 Days

25	IARM Fe P92-18 Low Alloy Steel: IARM Fe P92-18 Low Alloy Steel Disc Size:38x19mm; Make:ARMI UNS K92460 Composition (Approx.)in wt% <table><tr><td>Element</td><td>Al</td><td>Cr</td><td>N</td><td>P</td><td>Ti</td><td>B</td><td>Cu</td></tr><tr><td>Value</td><td>0.005</td><td>9.4</td><td>0.0036</td><td>0.005</td><td>0.003</td><td>0.0026</td><td>0.074</td></tr></table> <table><tr><td>Element</td><td>Nb</td><td>S</td><td>V</td><td>C</td><td>Mn</td><td>Ni</td><td>Si</td></tr><tr><td>Value</td><td>0.096</td><td>0.005</td><td>0.188</td><td>0.092</td><td>0.737</td><td>0.82</td><td>0.20</td></tr></table> <table><tr><td>Element</td><td>W</td><td>Co</td><td>Mo</td><td>O</td><td>Sn</td></tr><tr><td>Value</td><td>1.97</td><td>0.036</td><td>0.52</td><td>0.013</td><td>0.006</td></tr></table>	Element	Al	Cr	N	P	Ti	B	Cu	Value	0.005	9.4	0.0036	0.005	0.003	0.0026	0.074	Element	Nb	S	V	C	Mn	Ni	Si	Value	0.096	0.005	0.188	0.092	0.737	0.82	0.20	Element	W	Co	Mo	O	Sn	Value	1.97	0.036	0.52	0.013	0.006	1	NO	28 Days
Element	Al	Cr	N	P	Ti	B	Cu																																									
Value	0.005	9.4	0.0036	0.005	0.003	0.0026	0.074																																									
Element	Nb	S	V	C	Mn	Ni	Si																																									
Value	0.096	0.005	0.188	0.092	0.737	0.82	0.20																																									
Element	W	Co	Mo	O	Sn																																											
Value	1.97	0.036	0.52	0.013	0.006																																											

Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)

SUPPLY OF CERTIFIED REFERENCE MATERIALS FOR ANALYTICAL PURPOSE TO BHEL, TRICHY		
ANNEXURE-I		
PRE-QUALIFICATION CRITERIA		
Only those vendors who satisfy the following conditions will be qualified to participate in the tender:		
Sl. No.	Description	Vendor's Confirmation
1.	Previous PO details for supplying similar kind of items to BHEL or any-other Govt. Organisation & any private firm should be submitted along with offer if available.	
2.	Offers quoted with product details other than those indicated in technical specification are liable for rejection.	


K. SRINIVASAN
Manager
Plant Laboratory
BHEL, Trichy - 620 014.

Annexure – A- Special Conditions for GeM Enquiry

The terms and condition mentioned in this document are applicable in addition to the Buyer Added Bid Specific Additional Terms & Conditions and GeM General Terms and Conditions. Bidders shall furnish pointwise confirmation/details.

<u><i>To be filled by bidder</i></u>				
Description of the item/Equipment:				
GeM Tender No. & Date				
Name of the firm (Bidder)		:		
Address		:		
<u>Contact person 1</u> Name: Designation: Office Phone: Mobile: e-mail:		<u>Contact person 2</u> Name: Designation: Office Phone: Mobile: e-mail:		
SI	Terms and conditions/Details required			Vendor's confirmation
1.	Indicate the MSME status of the bidder. MICRO/SMALL/MEDIUM/Non-MSME (Udyam certificate is to be uploaded in proof of above).			
2.	Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their offer.			
	Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
	Micro			
	SMALL			
	Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.			
3.	Payment terms shall be as per clause 9 of Buyer Added Bid Specific Additional Terms & Conditions for this tender. Confirm your acceptance for the payment terms relevance to your MSME status indicated above. Note: If it is indicated as "For availing benefits of Priority Sector Lending(PSL) ONLY" in Udyam certificate, then no MSME benefit will be considered for this tender.			
4.	Liquidated Damages shall be as per clause 18 of Buyer Added Bid Specific Additional Terms & Conditions. Confirm your acceptance.			

5.	Offers from Indigenous supplier will be considered only if they have a valid GST registration certificate. Please Indicate the GST registration number. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.	GST No. _____
6.	Performance Bank Guarantee: Not Applicable	
7.	HSN Code for the quoted items	HSN CODE : _____
8.	Rate quoted in GeM portal should be on FOR destination basis inclusive of all taxes, P&F, freight etc. Transit Insurance is under Supplier scope. Please indicate how much GST percentage is included in quoted price.	GST in %: _____
9.	Technical (Specification, brand, etc.) and commercial terms agreed against BHEL clarifications during the techno-commercial evaluation stage should also be honoured by the bidder, even if they aren't explicitly part of the final GeM contract. The rationale behind this is that such agreements influence the final decision and are not captured by GeM in to the GeM contract. Please confirm your acceptance.	
10.	All the terms and conditions in Buyer Added Bid Specific Additional Terms & Conditions of this tender are read, understood and agreed by the vendor without any deviation. Vendor to confirm.	
11.	Duly filled, signed and stamped copies of the annexures as indicated in clause 31 of Buyer Added Bid Specific Additional Terms & Conditions of the enquiry are to be provided in the letter head of the Supplier. Please fill the annexures with GeM enquiry number, Item description and your company name wherever required. Also please Tick the appropriate option wherever required.	
12.	There will not be any RA (Reverse Auction). Hence suppliers to quote their best price while submitting their offer itself.	

Vendor's Seal & Signature

CHECK LIST

NOTE: - Suppliers are required to fill in the following details in their Letterhead and no column should be left blank

A	Name and Address of the Supplier		
B	GSTN No. the Supplier (Place of Execution of Contract / Purchase Order)		
C	Details of Contact person for this Tender	Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:	
D	EMD DETAILS	Not applicable	
E	DESCRIPTION	APPLICABILITY (BY BHEL)	ENCLOSED BY BIDDER
i.	Whether Pre - Qualification Criteria is understood and provided proper supporting documents.	Applicable/ Not Applicable	YES / NO
ii.	Whether all pages of the Tender documents including annexures, appendices etc are read and understood	Applicable/ Not Applicable	YES / NO
iii.	Audited Balance Sheet and profit & Loss Account for the last three years	Applicable/ Not Applicable	YES / NO
iv.	Copy of PAN Card & GST registration	Applicable/ Not Applicable	YES / NO
v.	Submission of Udyam certificate as specified in Tender (applicable in case of MSME supplier)	Applicable/ Not Applicable	YES / NO
vi.	Offer forwarding letter / tender submission letter as per Annexure – 2	Applicable/ Not Applicable	YES / NO
vii.	Submission of Certificate of No Deviation as per Annexure – 3	Applicable/ Not Applicable	YES / NO
viii.	Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings as per Annexure – 4	Applicable/ Not Applicable	YES / NO
ix.	Declaration by Authorized Signatory as per Annexure – 5	Applicable/ Not Applicable	YES / NO
x.	Declaration by Authorized Signatory regarding Authenticity of submitted Documents Annexure – 6	Applicable/ Not Applicable	YES / NO
xi.	Submission of Non-Disclosure Certificate as per Annexure – 7	Applicable/ Not Applicable	YES / NO
xii.	Submission of Integrity Pact as specified in Tender as per Annexure – 8	Applicable/ Not Applicable	YES / NO
xiii.	Declaration confirming knowledge about Site Conditions as per Annexure – 9	Applicable/ Not Applicable	YES / NO

xiv.	Declaration reg. Related Firms & their areas of Activities as per Annexure – 10	Applicable/ Not Applicable	YES / NO
xv.	Declaration for relation in BHEL as per Annexure – 11	Applicable/ Not Applicable	YES / NO
xvi.	Declaration reg. minimum local content in line with revised public procurement as per Annexure – 12	Applicable/ Not Applicable	YES / NO
xvii.	Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 as per Annexure – 13	Applicable/ Not Applicable	YES / NO
xviii.	Bank Account Details for E-Payment as per Annexure – 14	Applicable/ Not Applicable	YES / NO
xix.	Power of Attorney for submission of tender as per Annexure – 15	Applicable/ Not Applicable	YES / NO
xx.	Proforma of Bank Guarantee for Earnest Money as per Annexure – 16	Applicable/ Not Applicable	YES / NO
xxi.	Treatment of cases regarding conflict of interest as per Annexure – 20	Applicable/ Not Applicable	YES / NO

NOTE: Strike off 'YES' or 'NO', as applicable. Tender not accompanied by the prescribed **above applicable documents** are liable to be summarily rejected.

DATE:

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

CERTIFICATE OF NO DEVIATION

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Subject: **No Deviation Certificate**

Ref: 1) GeM Bid No:

2) All other pertinent issues till date

We hereby confirm that we have not changed/ modified/materially altered any of the tender documents as downloaded from the website/ issued by BHEL and in case of such observance at any stage, it shall be treated as null and void.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred GeM Bid.

We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

**(Signature, date & seal of
authorized representative of the
bidder)**

Date:

Place:

UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: GeM Bid Specification No:

I/We, _____ declare that, I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: **Declaration by Authorised Signatory regarding Authenticity of submitted documents.**

Ref: 1) GeM Bid No. & Date:

2) All other pertinent issues till date

I/We, hereby certify that all the documents submitted by us in support of possession of "Qualifying Requirements" are true copies of the original and are fully compliant required for qualifying / applying in the bid and shall produce the original of same as and when required by Bharat Heavy Electricals Limited.

I / We hereby further confirm that no tampering is done with documents submitted in support of our qualification as bidder. I / We understand that at any stage (during bidding process or while executing the awarded contract) if it is found that fake / false / forged bid qualifying / supporting documents / certificates were submitted, it would lead to summarily rejection of our bid / termination of contract. BHEL shall be at liberty to initiate other appropriate actions as per the terms of the Bid / Contract and other extant policies of Bharat Heavy Electricals Limited.

Yours faithfully,

**(Signature, Date & Seal of Authorized
Signatory of the Bidder)**

Date:

NON-DISCLOSURE CERTIFICATE

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

I/We understand that BHEL, Trichy is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s who are submitting offer for providing Supply/services to BHEL, Trichy against GeM Bid No..... hereby undertake to comply with the following in line with Information Security Policy of BHEL, Trichy.

- To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
- The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL, Trichy.

(Signature, date & seal of Authorized Signatory of the bidder)

Date:

DECLARATION

Date: _____

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/ Madam,

Sub: Details of related firms and their area of activities

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL, _____ (NA, if not applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
...		

Note: I certify that the above information is true and I agree for penal action from BHEL in case any of the above information furnished is found to be false.

Regards,

(_____)

From: M/s

Supplier
Code:

Address:

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration for relation in BHEL

Ref: 1) GeM Bid Specification No:

I/We hereby submit the following information pertaining to relation/relatives of Proprietor/Partner(s)/ Director(s) employed in BHEL

Tick (✓) any one as applicable:

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

i.

ii.

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER
2017 DATED 04TH**

JUNE, 2020 AND SUBSEQUENT ORDER(S)

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04th June, 2020 and subsequent order(s).

Ref: 1) GeM Bid Specification No:

2) All other pertinent issues till date

We hereby certify that the items/works/services offered by.....
(specify the name of the organization here) has a local content of _____ % and this meets the local content requirement for '**Class-I local supplier**' / '**Class II local supplier**' ** as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 04.06.2020 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

- | | |
|----------|----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |

Thanking you,
Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the
Bidder)**

**** - Strike out whichever is not applicable.**

Note:

1. Bidders to note that above format, duly filled & signed by authorized signatory, shall be submitted along with the techno-commercial offer.
2. In case the bidder's quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies).
3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017

Ref: 1) GeM Bid Specification No:
2) All other pertinent issues till date

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that _____ (**SPECIFY THE NAME OF THE ORGANIZATION HERE**), is not from such a country/ has been registered with the Competent Authority (*attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT).*

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Thanking you,

Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

TREATMENT OF CASES REGARDING CONFLICT OF INTEREST

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. **In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.**

(Signature, Date & Seal of Authorized
Signatory of the Bidder)