

Specific Technical Pre Qualifying Requirements in case of Supply

S. No.	Name of Item	Specific Technical PQR for Bidder (apart from experience & turnover clauses)
1	Crusher Hammers	i) Bidder to be manufacturer of Manganese Steel Cast Crusher Hammers for Ring Granulators as per IS 276/2000. ii) Bidder to certify having own Heat Treatment & Testing Facilities
2	Grinding Rolls & Bull Ring Segments of Bowl Type Coal Mills	Bidder to be OEM / OES of Bowl Type Coal Mills installed at _____ (Name of Power Station floating tender) OR i) Bidder to be manufacturer of Grinding Rolls & Bull Ring Segments of Bowl Type Coal Mills of Model HP-1003 / XRP-803 or above. ii) Bidder to certify having own Heat Treatment & Testing Facilities.
3	Hi Chrome Grinding Media / Hi Chrome Liners of Ball & Tube Coal Mills	Bidder to be OEM / OES of Ball & Tube Coal Mills installed at PTPS, Panipat OR i) Bidder to be manufacturer of Hi Chrome Grinding Media / Hi Chrome Liners / Spares of Ball & Tube type Coal Mills of size BBD 4760 or above. ii) Bidder to certify having own Heat Treatment & Testing Facilities
4	Spares of Bowl Type Coal Mills	Bidder to be OEM / OES of Bowl Type Coal Mills installed at _____ (Name of Power Station floating tender) OR i) Bidder to be manufacturer of spares of Bowl Type Coal Mills of Model HP-1003 / XRP-803 or above. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test house.
5	Spares of Ball & Tube Coal Mills	Bidder to be OEM / OES of Ball & Tube Coal Mills installed at PTPS, Panipat OR i) Bidder to be manufacturer of Spares of Ball & Tube type Coal Mills of size BBD 4760 or above. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test house.
6	GD Screens for ESPs	i) Bidder to be manufacturer of Gas Distribution Screens of Electrostatic Precipitators. ii) Bidder to certify having own Heat Treatment & Testing Facilities
7	Castable / Pourable Refractory	i) Bidder to be manufacturer / supplier of Castable / pourable refractory. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test house.
8	Alumina Ferric (Grade-II), Type-I	i) Bidder to be manufacturer / supplier of Alumina Ferric (Grade-II), Type-I as per IS:299-1989 with latest amendments if any or as specified in the tender. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.
9	Hydrochloric Acid	i) Bidder to be manufacturer / supplier of Hydrochloric Acid as per IS:265-1993 (Technical Grade) with latest amendments if any or as specified in the tender. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.
10	Sulphuric Acid for CW Treatment	i) Bidder to be manufacturer / supplier of Sulphuric Acid as per IS:266-1993 (Technical Grade) with latest amendments if any or as specified in the tender. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.
11	Liquid Chlorine	i) Bidder to be manufacturer / supplier of Liquid Chlorine as per IS:646-1986 with latest amendments if any or as specified in the tender. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.
12	Caustic Soda Flakes	i) Bidder to be manufacturer / supplier of Caustic Soda Flakes (NaOH Solid) as per IS:252-1991 with latest amendments if any pure grade with minimum purity 99.5% or as specified in the tender. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.
13	Caustic Soda Lye	i) Bidder to be manufacturer / supplier of Caustic Soda Lye (NaOH) as per IS:252-1991 with latest amendments if any pure grade with minimum purity 47.5% or as specified in the tender. ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.
14	Liquor Ammonia AR Grade	Bidder to be Original Manufacturer of Liquor Ammonia (NH ₃) AR Grade as per IS: 799-1985 with latest amendments if any of make SD Fine / Merck / Thermo Fisher / Rankam only OR

		<p>i) Bidder to be Authorized Dealer / Supplier of Liquor Ammonia AR Grade as per IS:799-1985 with latest amendments if any of SD Fine / Merck / Thermo Fisher / Rankam make only.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
15	Hydrazine Hydrate	<p>Bidder to be Original Manufacturer of Hydrazine Hydrate (N_2H_4) AR Grade as per IS: 12086 -1987 with latest amendments if any of make SD Fine / Merck / Thermo Fisher / Rankam only</p> <p>OR</p> <p>i) Bidder to be Authorized Dealer / Supplier of Hydrazine Hydrate (N_2H_4) AR Grade as per IS: 12086 -1987 with latest amendments if any of SD Fine / Merck / Thermo Fisher / Rankam make only.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
16	Tri Sodium Phosphate	<p>Bidder to be Original Manufacturer of Tri Sodium Phosphate (Na_3PO_4) AR Grade as per IS: 573 -1992 with latest amendments if any of make SD Fine / Merck / Thermo Fisher / Rankam only</p> <p>OR</p> <p>i) Bidder to be Authorized Dealer / Supplier of Tri Sodium Phosphate (Na_3PO_4) as per IS: 573 -1992 with latest amendments if any of SD Fine / Merck / Thermo Fisher / Rankam make only.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
17	Coal Conveyor Belts FR Grade	<p>i) Bidder to be Manufacturer having capacity to manufacture Nylon / Nylon FR Grade Rubber Conveyor Belts of width 1200mm and strength of 1000 KN/Mtr & above.</p> <p>ii) Bidder to certify having own Testing Facilities.</p>
18	Raw Coal Feeder Belts	<p>i) Bidder to be manufacturer of Endless Gravimetric Raw Coal Feeder Belts.</p> <p>ii) Bidder to certify having own Testing Facilities.</p>
19	SS Shields for Boiler	<p>i) Bidder to be manufacturer / supplier of SS Shields for Boiler.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
20	SS / MS Pipes	<p>i) Bidder to be manufacturer / authorized dealer / supplier of SS / MS Pipes.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
21	Cassette Baffles	<p>i) Bidder to be manufacturer / supplier of Cassette Baffles of Boiler.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
22	LT Transformer	<p>i) Bidder to be manufacturer or authorized dealer of LT Transformer as per relevant IS specification with latest amendments, if any.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
23	HT / LT Cables	<p>i) Bidder to be manufacturer or authorized dealer of HT / LT Cables as per relevant IS specification with latest amendments, if any.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
24	Transformer Oil	<p>i) Bidder to be manufacturer of transformer oil as per relevant IS specification with latest amendments, if any.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
25	Vacuum Pumps for Ash Handling Plant	<p>i) Bidder to be manufacturer of Vacuum Pumps of Model _____ for Ash Handling Plant.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p>
26	Lighting Material	<p>Bidder to be Original Manufacturer of Lighting Material as per relevant IS specifications with latest amendments, if any of make _____ / _____ / _____ / _____ only.</p> <p>OR</p> <p>i) Bidder to be authorized dealer / supplier of Lighting Material as relevant IS specifications with latest amendments, if any of make _____ / _____ / _____ / _____ only.</p> <p>ii) Bidder to certify having own Testing Facilities or the same to be carried out at any Govt. approved test laboratory.</p> <p>Note: Make to be incorporated as per recommendations of the committee constituted for finalizing the technical specifications of Lighting Material.</p>

NOTE: No PQR of experience & turnover shall be applicable for the following:-

- OEM / OES of equipments mentioned at S. No. 2, 3, 4 & 5 above
- Original Manufacturers of items at S. No.-14, 15, 16 & 26 above.

Specific Technical Pre Qualifying Requirements in case of ARCs / AMCs of Works

S. No.	Name of Item	Specific Technical PQR for Bidder (apart from experience & turnover clauses)
1	ARC of DM Plant	Bidder to be OEM of DM Plant with minimum capacity of 30 m ³ /hr per stream and having minimum 1-year experience in O&M of DM Plant in preceding 5 years. OR Bidder to have minimum 2-years experience of O&M of DM Plants with minimum capacity of 30 m ³ /hr per stream in preceding 5 years.
2	ARC of Ash Handling Plant of 250 MW & above	Bidder to have successfully carried out erection, testing & commissioning of any Automated PLC Controlled Ash Handling Plants of generating unit of 250 MW & above and should have minimum 1-year experience in its O&M in the preceding 5 years. OR Bidder to have minimum 2-years experience of O&M of Automated PLC Controlled Ash Handling Plants of generating unit of 250 MW & above in the preceding 5 years.
3	ARC of Coal Mill Reject Handling System	Bidder to have successfully carried out erection, testing & commissioning of any Automated PLC Controlled Coal Mill Reject Handling System of generating unit of 210 MW & above and should have minimum 1-year experience in its O&M in the preceding 5 years. OR Bidder to have minimum 2-years experience of O&M of Automated PLC Controlled Coal Mill Reject Handling System of generating unit of 210 MW & above in the preceding 5 years.
4	ARC of Pressure Parts / Rotating Parts & ESP of Boiler	Bidder to have successfully carried out erection, testing & commissioning of Boilers directly or as a sub vendor of BHEL or SEC China / R Infra of generating unit of 110 MW & above and should have minimum 1-year experience in their O&M in the preceding 5 years. OR Bidder to have minimum 1-year experience of O&M of pressure parts / rotating parts & ESP of Boiler of generating unit of 110 MW & above in the preceding 5 years.
5	ARC of Mechanical Workshop	Bidder to have minimum 1-year experience of running of Mechanical Work Shop in any Thermal Power Station / Fertilizer Plant / Refinery / Steel Plant / Sugar Plant in the preceding 3 years.
6	ARC for O&M of Zero Discharge Plant	Bidder to be OEM of any R.O. Plant / Zero Discharge Plant / DM Plant with minimum capacity of 50 m ³ /hr per stream and having minimum 1-year experience in O&M of R.O. Plant / Zero Discharge Plant / DM Plant in preceding 5 years. OR Bidder to have minimum 2-years experience of O&M of R.O. / Zero Discharge / DM Plant having minimum capacity of 50 m ³ /hr per stream in the preceding 5 years.
7	ARC for O&M of Hydrogen Plant	Bidder to be OEM of Hydrogen Plant and having minimum 1-year experience in their O&M in preceding 5 years. OR Bidder to have minimum 1-year experience of O&M of Hydrogen Plant in the preceding 5 years.
8	AMC of Electrical Systems of Plant	Bidder to have minimum 1-year experience of AMC of HT Motors, HT Switchgears & other electrical equipments in any Thermal Power Station / NTPC / Electricity Boards / PSUs in the preceding 3 years.
9	AMC of Electrical Systems of Colony	Bidder to have minimum 1-year experience of AMC of LT Switchgears & other electrical equipments in any Thermal Power Station / NTPC / Electricity Boards / PSUs in the preceding 3 years.
10	AMC of C&I System including Pneumatic Actuators, Igniters & Scanners, DCS Panels, SWAS and	Bidder to have minimum 1-year experience of AMC of Controls & Instrumentation system including Pneumatic Actuators, Igniters, Scanners, DCS Panels, SWAS and Station / DM Plant instrumentation etc. in any Thermal Power Station / NTPC in generating unit of 210 MW or above in the preceding 3 years.

	Station C&I / DM Plant instrumentation etc.	
11	ARC of Hiring of Heavy / Light Motor Vehicles	Bidder to have minimum 1-year experience of ARC of providing same type of vehicles in any Thermal / Hydro Power Station / NTPC / Electricity Boards / Govt. Organization / PSUs in the preceding 3 years.
12	Hot Line Water Washing of Insulator Strings and porcelain portion of other equipments in 220 KV Switchyard	Bidder to have experience of Hot Line Water Washing of Insulator Strings and porcelain portion of other equipments of 220 KV or above substation in preceding 5 years in any Thermal Power Station / NTPC / BBMB / HVPNL / Power Grid / Electricity Boards / Corporations.
13	ARC of Coal Handling Plant	Bidder to have successfully carried out erection, testing & commissioning of any Automated PLC Based Coal Handling Plant of generating unit of 210 MW & above and should have minimum 1-year experience in its O&M in the preceding 5 years. OR Bidder to have minimum 2-years experience of O&M of Automated PLC Based Coal Handling Plant of generating unit of 210 MW & above in the preceding 5 years.
14	Insurance of Plant	Bidder should be approved by IRDA.
15	ARC of Civil Works	i) No PQR of work experience is required for Bidder who are enlisted in appropriate financial class with P.W.D. / C.P.W.D. / H.V.P.N.L. / M.E.S. / I.O.C.L. / Railways or any other Government Deptt. ii) For other Bidder, PQR would be as per PR.
16	ARC of Security Services	Bidder should be registered with Govt. of Haryana under Haryana Private Security Agencies Rules, 2009 with amendment(s) if any.
17	ARC of O&M of ETP / STP	Bidder to be OEM of Effluent Treatment Plant / Sewage Treatment Plant
18	AMC of Bowl / Ball Tube Coal Mills	Bidder to have minimum 1-year experience of maintenance of Bowl or Ball Tube Coal Mills of generating unit of 110 MW & above in the preceding 5 years.
19	i) ARC of Providing services of MD / MBBS Doctor(s) and / or Para medical staff at HPGCL Health Centers and / or in HPGCL City Clinics ii) Setting up, running & maintenance of First Aid Center and providing 1 No. Ambulance with driver round the clock (on 24x7 basis) in Power Station(s) of HPGCL.	Bidder should be maintaining / running a hospital which is on the approved list of Govt. of Haryana / HPGCL / HVPNL / UHBVNL / DHBVNL. OR Bidder should be a qualified doctor (minimum MBBS) and maintaining / running own hospital / or a Charitable Trust Hospital in Haryana / Punjab / Delhi / Chandigarh since last one year ending _____.
20	ARC for cleaning & removal of Garbage / Ash from Boiler area / Turbine area / Switchyard area	Bidder to have minimum 1-year experience of cleaning work in areas of Boiler / Turbine / Switchyard / Coal Handling Plant in any Thermal Power Station of HPGCL / NTPC / PSUs / Private Thermal Power Plant.
21	ARC for cleaning & removal of Garbage / Ash from Colony / Residential & Non Residential Building / Plant Building / Roads and removal of Grass / Sarkanda	Bidder to have minimum 1-year experience of cleaning work in any area in any Thermal Power Station / NTPC / Govt. Organization / Electricity Board / Processing Industry.

OTHER AMENDMENTS REQUIRED IN PURCHASE REGULATIONS

Following changes are also considered necessary in the relevant Annexure of Purchase Regulations 2015 in line with the changes made in the Regulations 2015:-

- 1 Loading of Freight : to be amended as 4% of the basic rate against 2.5% at following places:
 - i) In Annexure-4 / Instructions to the Bidders (Supply Order) / Clause No. 13 (ii)
 - ii) In Annexure-6 / General Terms & Conditions of Contract (Supply Order) / Clause No. 4 (i) (b).
- 2 Payment Terms: - In Annexure-6 / General Terms & Conditions of Contract (Supply Order), Clause No. (6) needs to be replaced in line with Regulation 15.1
- 3 Regulation 15.1 Note (2) (ii) : "No amendment is proposed" needs to be replaced with following (as per Purchase Regulation 2011):-

"Procurement of material from Central / State PSUs except BHEL and other proprietary firms can be agreed on their quoted payment terms i.e. 100% against collection of material or dispatch through bank."
- 4 Regulation 14.6: In case of supplies, Purchase Regulation is not clear about the percentage of Contract Value to be deposited by the firm as Security Deposit. So Clause No. 14.6 may be amended as "Security deposit in case of Purchase Orders shall be 2% of contract value"