1.0	Bidder should have designed, supplied, erected/got erected/supervised erection, tested and commissioned at least one (1) number of vertical cylindrical storage tank (Site fabricated/pre-fabricated) of capacity not less than 500 cubic meters. The above system/tank should have been running satisfactorily for minimum one (1) year from the date of commissioning/completion/ handover as on the date of bid opening.
2.0	Bidder has to submit following supporting documents meeting above mentioned prequalifying requirement: Copy of minimum one (1) performance certificate (in English) from end user along with copy of related Purchase Order (PO) or Letter of Intent (LOI) or letter of Award (LOA) or Work Order (WO) in support of PQR clause mentioned at S. No. 1.0 above.
3.0	**For Koradi TPS project-** The successful bidder for the Miscellaneous tanks Package will place order on Agitator manufacturer who meets the Sub-QR requirement as per **Cl. No.3.1**.
3.1	**Sub-Qualification Requirement (Sub-QR) for Agitator for Koradi TPS:** The agitators (Vertical/ Horizontal) proposed to be supplied for this package shall be sourced from manufacturer(s) who has previously designed (either by itself or under collaboration / licensing agreement), manufactured / got manufactured the type of Agitator (Vertical/ Horizontal, as applicable) in a Wet Limestone based FGD application in Coal fired power plant or in any other process application, such that the respective equipment(s) should have been in successful operation in at least one (1) plant for a period not less than one(1) year reckoned as on the date of consideration for approval but not later than date as on 07.08.2025. The rating of the Agitator shall not be less than that supplied for 500 MW or higher size unit for similar application. In case the proposed sub-vendor for agitator is not meeting above clause, it shall fulfil the requirement placed at **Annexure-1** pertaining to the Proven-ness criteria for Agitators for the Flue Gas Desulphurization System.
4.0	**For Talcher TPS project-** The successful bidder for the Miscellaneous tanks Package will place order on Agitator manufacturer who meets the Sub-QR requirement as per **Cl. No.4.1.**
4.1	**Sub-Qualification Requirement (Sub-QR) for Agitator for Talcher TPS:** The agitators (Vertical & Horizontal) proposed to be supplied for this package shall be sourced from manufacturer(s) having previously designed and manufactured Agitators (Vertical and Horizontal) in a Wet Limestone based FGD application in Coal fired power plant, which is in successful operation for a period of not less than one (1) year as on 27.09.2022. The rating of the Agitator shall not be less than that supplied for 500 MW or higher size unit for similar application. In case the proposed sub-vendor for agitator is not meeting above clause, it shall fulfil the requirement placed at **Annexure-2** pertaining to the Proven-ness criteria for Agitators for the Flue Gas Desulphurization System.
Notes	
a	BHEL reserves the right to seek approved design documents from bidders to substantiate technical parameters as specified in clause 1 above.

b	Bidder to submit all supporting documents in Hindi and/or English as required. If documents submitted by bidder are in language other than that specified above, a translated copy of the same, in above language(s) shall be submitted by the bidder. In such case, for purposes of interpretation, the translated version shall govern. The translation of the documents shall be carried out by professional translators and the translator shall certify that he is proficient in both languages in order to translate the document and that the translation is complete and accurate. Further, in case the supporting documents are issued outside India, same shall be authenticated by the Indian Consulate located in the Country where the documents have been issued or the Embassy of that Country in India.
c	In case the PO/ LOI /LOA/ WOs is more than ten (10) years old as on date of bid opening, minimum one (1) no. additional Purchase order (for similar jobs) shall be submitted which should not be more than ten (10) years old as on date of bid opening, for establishing continuity in business.
d	Notwithstanding anything stated above, BHEL/End customer/Owner reserves the right for physical assessment of the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL/ End customer/Owner. (Bidder to furnish details as per Annexure-A)
e	Consideration of offer shall be subject to End customer/Owner's approval of bidder.
f	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.
g	Bidder shall meet PQR based on its own credentials. Bid from joint venture (JV) company / Consortium bid is not acceptable.
h	Bidder shall propose & submit required provenness documents for Talcher Agitator, to BHEL/Customer within 30 days of placement of LOA. Subsequent to approval of the proposed supplier, the successful bidder will place the order on approved supplier within ten (10) days. The approval of the supplier shall be subject to BHEL/Customer acceptance without any cost & time implication to BHEL/customer.

Annexure-1

1. A JV / Subsidiary Company formed for manufacturing and supply of equipment(s) as listed at clause no. 3.1 above in India shall be considered qualified for such equipments, provided that it has a valid collaboration or licensing agreement for design, engineering, manufacturing of such equipment(s) in India with a qualified equipment manufacturer who meets the requirements stipulated at clause no. 3.1 above (or the technology provider of the qualified equipment manufacturer) for the respective equipment(s). Before taking up the manufacturing of such equipment(s), the bidder/ his sub-vendor(s) must create /have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system for such equipment(s).

   Further, in such a case, such qualified equipment manufacturers should have, directly or indirectly through its holding company/ subsidiary company, at least 26% equity participation in the Indian Joint Venture Company/ Subsidiary Company, which shall be maintained for a lock-in period of seven (7) years from the date of incorporation of such Joint Venture/ Subsidiary or up to the end of defect liability period of the contract, whichever is later.

2. In case the Bidder or the proposed sub-vendor is not manufacturer of proven Agitators as per clause no. 3.1 above, but is a manufacturer of Agitators for similar process/duty application in petrochemical or metals and mining industry, the Bidder or the proposed sub-vendor can also manufacture Agitators, provided it has collaboration or valid licensing agreement for design, engineering, manufacturing, supply of such Agitators in India with such manufacturer who meet the requirements stipulated at clause no. 3.1 above for the Agitators. Before taking up the manufacturing of such equipment, the bidder/ his sub-vendor mustcreate /have created manufacturing facilities at his works as per collaborator's /licenser's design, manufacturing and quality control system for such equipments.

3. Before taking up the manufacturing of such equipment(s) as per clause no. 3.1 above, the Bidder / its sub vendor(s) must create (or should have created) manufacturing and testing facilities at its works as per Collaborator / licenser's design, manufacturing and quality control system for such equipments duly certified by the Collaborator / licensor. Further, the Collaborator / Licenser shall provide (or should have provided) all design, design calculation, manufacturing drawings and must provide (or should have provided) technical and quality surveillance assistance and supervision during manufacturing, erection, testing, commissioning of equipments.

4. Bidder shall offer and supply only the type of the above equipment(s) for which it, itself or the manufacturer / Collaborator(s) / Licenser(s) proposed by the Bidder for the above equipment(s) is qualified.

5. BHEL/ End Customer reserves the right to fully satisfy himself regarding capability and capacity of Bidder / its sub vendor(s) and the proposed arrangement and may prescribe additional requirement before allowing manufacture of the equipment listed above for this contract.

6. Whenever the term 'coal fired' is appearing above, "Coal" shall be deemed to also include bituminous coal/brown coal/Anthracite Coal/lignite.

Annexure-2

1. A JV / Subsidiary Company formed for manufacturing and supply of equipment(s) as listed at clause no. 4.1 above in India shall be considered qualified for such equipment, provided that it has a valid collaboration or licensing agreement for design, engineering, manufacturing of such equipment(s) in India with a qualified equipment manufacturer who meets the requirements stipulated at clause no. 4.1 above (or the technology provider of the qualified equipment manufacturer) for the respective equipment(s). Before taking up the manufacturing of such equipment(s), the bidder/ his sub-vendor(s) must create /have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system for such equipment(s).

   Further, in such a case, such qualified equipment manufacturers should have, directly or indirectly through its holding company/ subsidiary company, at least 26% equity participation in the Indian Joint Venture Company/ Subsidiary Company, which shall be maintained for a lock-in period of seven (7) years from the date of incorporation of such Joint Venture/ Subsidiary or up to the end of defect liability period of the contract, whichever is later.

2. In case the proposed sub-vendor is not manufacturer of proven Agitators as per clause no. 4.1, but is a manufacturer of Agitators for similar process/dutyapplication in petrochemical or metals and mining industry, the proposed sub-vendor shall also be considered qualified for manufacturing Agitators, provided it has collaboration or valid licensing agreement for design, engineering, manufacturing, supply of such Agitators in India with such manufacturer who meets the requirements stipulated at clause no. 4.1. Before taking up the manufacturing of such equipment(s), the bidder/ his sub-vendor(s) must create /have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system for such equipment(s).

3. Before taking up the manufacturing of such equipment(s) as per clause 1 & 2 above, the Bidder / its sub vendor(s) must create (or should have created) manufacturing and testing facilities at its works as per Collaborator / licenser's design, manufacturing and quality control system for such equipment duly certified by the Collaborator / licensor. Further, the Collaborator / Licenser shall provide (or should have provided) all design, design calculation, manufacturing drawings and must provide (or should have provided) technical and quality surveillance assistance and supervision during manufacturing, erection, testing, commissioning of equipment.

4. BHEL/NTPC reserves the right to fully satisfy himself regarding capability and capacity of the proposed arrangement and may prescribe additional requirement before allowing manufacture of the equipment listed above for this contract.

5. Whenever the term 'coal fired' is appearing above, "Coal" shall be deemed to also include bituminous coal/brown coal/Anthracite Coal/lignite.

	PRE - QUALIFYING REQUIREMENTS
PROJECT:	**2X660 MW MAHAGENCO KORADI TPP & 2X660 MW TALCHER TPS**
PACKAGE:	**MISC. TANKS (SITE FABRICATED) & AGITATORS FOR SLURRY TANKS**

CRITERIA FOR EVALUATION - FINANCIAL :

	Amount (in Rs.)
Average annual financial turnover value during any three out of last six Financial Years as on tender due date should not be less than	**7,50,00,000**

Rs.Seven Crore Fifty Lakh only

Notes:-

a) The bidder has to submit financial accounts (audited, if applicable comprising of Audit report, Balance Sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue), for any three out of last six Financial Years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual financial turnover shall be calculated based on available information as below:-

i) If the accounts are available for <= 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for >1 but < = 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for >2 but <= 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other Income shall not be considered for arriving at Annual Turnover/Sales.For evaluation purpose,turnover figure excluding taxes shall be considered.

d) For evaluation of foreign bidder, exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two part bid) shall be considered.

e)Bidder who is 50% or above subsidiary of any other company including those registered outside India and does not meet any of the above Financial Criteria, such bidder may be qualified based on credentials of its holding company provided such holding company meets the above PQR criteria. In such case, the Bidder would be required to furnish a Letter of Support from its Holding Company, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

f)In cases where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, a Certificate would be required from CEO/CFO stating that the financial results of the Company are under audit as on the date of Techno-commercial bid opening and are not available.

PRICE ADJUSTMENT FORMULA FOR SUPPLY PORTION FOR MISC. TANKS

(1) The price adjustment formula is defined for price components related to Main Supply package.

(2) The amount of price adjustment shall be computed as under:

EC = EC1 - EC0

EC1 will be computed as follows:

EC1= 0.7 x EC0 {F + a x A1m/ A0m + Lb x L1/ L0} + 0.3 x EC0 {F + a x A’1g/ A’0g + Lb x L1/ L0}
Where

EC = Adjustment in Ex-Works supply Price.

EC1 = Adjusted Amount of Ex-Works supply Price.

EC0 = Ex-Works supply Price as per LOA/ PO.

(i) ‘F’ shall be fixed portion of the Ex-Works supply Price and shall be considered as 0.15.

(ii) ‘a’ shall be co-efficient which shall be considered as 0.6

(iii) A1m & A0m shall be Wholesale Price Index for “MANUFACTURE OF BASIC METALS” as published in RBI Bulletin, Sl. no. III(N) and A1g & A0g are as per “BASIC CHEMICALS” as published in RBI Bulletin, Sl. no. III(J) respectively, Base: 2022-23 = 100

(iv) 'Lb" shall be co-efficient for labour component in the Ex-Works Component of the supply Price which shall be considered as 0.25

(v) 'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, S.N. 1, Base year 2016=100 (Extract of website is pasted below for reference).

(vi) For the indices,
Subscript '0' refers to indices of the Base Month which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month before the month in which delivery is required to be made as per the Purchase Order or its amendments issued. The latest available indices are to be extrapolated to the above defined month wrt the base month.

Source link of RBI bulletin: https://rbi.org.in/Scripts/BS_ViewBulletin.aspx?Id=20964

Note:

1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor then also the negative price variation shall be passed on to BHEL.

2) The price variation shall be limited to +20% of total Supply, Mandatory Spares and E&C price (excluding taxes).

PRICE ADJUSTMENT FORMULA FOR SUPPLY PORTION FOR AGITATOR

(1) The price adjustment formula is defined for price components related to Mandatory Spares Portion.

(2) The amount of price adjustment shall be computed as under:

EC = EC1 - EC0

EC1 will be computed as follows:

EC1= EC0 {F + a x A1m/ A0m + Lb x L1/ L0}

Where

EC = Adjustment in Ex-Works supply Price.

EC1 = Adjusted Amount of Ex-Works supply Price.

EC0 = Ex-Works supply Price as per LOA/ PO.

(i) ‘F’ shall be fixed portion of the Ex-Works supply Price and shall be considered as 0.15.

(ii) ‘a’ shall be co-efficient which shall be considered as 0.6

(iii) A1m & A0m shall be Wholesale Price Index for “MANUFACTURE OF BASIC METALS” as published in RBI Bulletin, Sl.no. III(N), Base: 2022-23 = 100.

(iv) 'Lb" shall be co-efficient for labour component in the Ex-Works Component of the supply Price which shall be considered as 0.25

(v) 'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, S.N. 1, Base year 2016=100 (Extract of website is pasted below for reference).

(vi) For the indices,
Subscript '0' refers to indices of the Base Month which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month before the month in which delivery is required to be made as per the Purchase Order or its amendments issued. The latest available indices are to be extrapolated to the above defined month wrt the base month.

Source link of RBI bulletin: https://rbi.org.in/Scripts/BS_ViewBulletin.aspx?Id=20964

Note:

1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor then also the negative price variation shall be passed on to BHEL.

2) The price variation shall be limited to +20% of total Supply, Mandatory Spares and E&C price (excluding taxes).

PRICE ADJUSTMENT FORMULA FOR MANDATORY SPARES PORTION FOR AGITATOR

(1) The price adjustment formula is defined for price components related to Mandatory Spares Portion.

(2) The amount of price adjustment shall be computed as under:

$EC = EC1 - EC0$

EC1 will be computed as follows:

$EC1= EC0 \{F + a \times A1m/ A0m + Lb \times L1/ L0\}$

Where

EC = Adjustment in Ex-Works supply Price.

EC1 = Adjusted Amount of Ex-Works supply Price.

EC0 = Ex-Works supply Price as per LOA/ PO.

(i) ‘F’ shall be fixed portion of the Ex-Works supply Price and shall be considered as 0.15.

(ii) ‘a’ shall be co-efficient which shall be considered as 0.6

(iii) A1m & A0m shall be Wholesale Price Index for “MANUFACTURE OF BASIC METALS” as published in RBI Bulletin, Sl.no. III(N), Base: 2022-23 = 100.

(iv) 'Lb" shall be co-efficient for labour component in the Ex-Works Component of the supply Price which shall be considered as 0.25

(v) 'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, S.N. 1, Base year 2016=100.

(vi) For the indices,
Subscript '0' refers to indices of the Base Month which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month before the month in which delivery is required to be made as per the Purchase Order or its amendments issued. The latest available indices are to be extrapolated to the above defined month wrt the base month.

Source link of RBI bulletin: https://rbi.org.in/Scripts/BS_ViewBulletin.aspx?Id=20964

Note:

1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor then also the negative price variation shall be passed on to BHEL.

2) The price variation shall be limited to +20% of total Supply, Mandatory Spares and E&C price (excluding taxes).

PRICE ADJUSTMENT FOR SERVIC PART - E&C

(i) The price adjustment provisions shall be applicable for price components relating to service part (E&C) as per price break-up furnished by the Contractor.

(ii) The amount of price adjustment shall be computed as under:

ER = ER1 - ER0

ER1 will be computed as follows:

ER1= ER0 X {F + Lb x L1/ L0}

Where

ER = Adjustment in E&C Prices (without taxes & duties).

ER1 = Adjusted Amount of E&C Prices (without taxes & duties).

ER0 = E&C Prices (without taxes & duties) as per LOA.

(i) ‘F’ shall be fixed component and shall be considered as 0.15.

(ii) 'Lb" shall be co-efficient for labour component in the Ex-Works Component of the E&C price which shall be considered as 0.85

(iii) 'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, S.N. 1, Base year 2016=100 (Extract of website is pasted below for reference).

(iv) For the indices

Subscript '0' refers to indices of Base Month for PVC which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month of reckoning the variated price which shall be the month before the month in which E&C is carried out.

The latest available indices are to be extrapolated to the above defined month w.r.t the base month.

Source link of RBI bulletin: https://rbi.org.in/Scripts/BS_ViewBulletin.aspx

Note:

1) The price adjustment i.e. either increase or decrease shall be applicable up to the contractual date of completion of Erection and Commissioning. Contractual Erection and Commissioning completion date would mean the Completion date mentioned in the order including amendments in work completion date (if any). PVC will not be applicable for the period beyond the contractual work completion date where delay is attributable for supplier.

2) The price adjustment shall be limited to (+) 20% of E & C Prices (without taxes & duties). However, there shall be no limit on negative price adjustment.