	2X1000MWe KUDANKULAM NPP HDPE PIPING & FITTINGS PRE - QUALIFYING REQUIREMENTS	DOCUMENT NO: PE-TS-999-000-M065
		REVISION NO: 00 DATE: 16.01.2021
		SHEET: 1 of 3

Package: HDPE Pipes and Fittings

BHEL's Technical Requirement:

HDPE Pipes & Fittings of grade PE-100 and PE-63, with size ranging from 20NB to 900NB and pressure rating up to PN16 / SDR 11 as per ISO 4427.

CRITERIA FOR EVALUATION (TECHNICAL):

1.0 Technical Pre-Qualifying Requirements:

- 1.1 The bidder should have designed, in-house manufactured, tested, inspected and supplied HDPE Pipes and Fittings (as mentioned below) for use in a power plant or for similar application.

HDPE Pipe and fittings

Minimum size 500NB, Minimum nominal pressure PN6, and material PE63/PE80/PE100 as per ISO 4427 (or equivalent)

- 1.2 The item(s) mentioned in point 1.1 should have performed successfully for at least 01 (one) year. To establish meeting this requirement, the bidder shall conform to any one of the following clauses:

- Execution of two purchase orders for different End-users with HDPE Pipe and fittings performing successfully for one (01) year from date of commissioning to the date of the bid submission as defined by BHEL-PEM in NIT. Different projects of a customer shall be considered as different End-users.
- Minimum one (1) repeat contract from two (2) different Purchasers (i.e. 2 nos. of Purchase orders from each purchaser). A contract shall be considered as repeat, when the second contract is given by the same purchaser after lapse of minimum one (01) year from supply completion of first contract.
- Execution of one (1) purchase order as per sl. no. 1.2(a) above from one End-user and one (1) repeat contract from another Purchaser as per sl. No.1.2(b) above.
- Three (3) repeat contracts from one (1) Purchaser. Second and third repeat contract shall be after lapse of minimum one (01) & two (02) years respectively from supply completion of first contract.

- 1.3 The bidder to furnish the following documents, as applicable, in support of the above:

- For point 1.2(a): Performance certificates from End-user (duly signed & dated) specifying that the product is performing successfully for one (01) year from date of commissioning along with correlated purchase order(s).
- For point 1.2(b) & 1.2(d): Purchase order(s), Material dispatch clearance certificate (MDCC)/ Material receipt certificate (MRC)/Lorry receipt (LR) / Invoice.

	2X1000MWe KUDANKULAM NPP HDPE PIPING & FITTINGS PRE - QUALIFYING REQUIREMENTS	DOCUMENT NO: PE-TS-999-000-M065
		REVISION NO: 00 DATE: 16.01.2021
		SHEET: 2 of 3

1.4 In addition to above, the bidder should have capability to design, in-house manufacture, test, inspect and/or have supplied HDPE pipe/fittings as per ISO 4427 (or equivalent code) as indicated in Datasheet-A, for use in water, drainage or similar applications. For meeting this requirement, the bidder should have the following:

- a) Capability of designing and in-house manufacturing of various items of data sheet-A.
- b) In-house testing facilities for carrying out tests as per relevant standards & Quality plan. In case, the in-house testing facilities are not available, then bidder shall carry out inspection from the following:
 - i. NPCIL's approved labs for referred tests as listed in technical specification
 - ii. Government approved lab or test house recognized by reputed customers for other tests where list / name of approved labs has not been indicated in the technical specification

Bidder to furnish at least one of the following documents, as applicable, in support of point (a) & (b) above:

- Purchase order(s),
- Certificate indicating manufacturing & testing capacity and details,
- Undertaking of manufacturing & testing facilities.

1.5 To establish business continuity, bidder to submit minimum two purchase orders for supply of HDPE pipe & fittings, fulfilling the criteria mentioned below:


At least 500M HDPE pipe of minimum size of 500NB supplied in all the purchase orders combined in past 3 (three) year duration from the date of bid submission as defined by BHEL-PEM in NIT.

2.0 Bidder to also comply with general points mentioned below:

2.1 Offers of the JV companies/ Joint bidders/ Bidders having collaboration/ licensing agreement/ MOU/ Indian subsidiaries shall be evaluated as follows:

- a) If bidder happens to be an Indian subsidiaries of foreign OEM, then the credentials of the foreign OEM can also be considered for meeting PQR.
- b) If bidder happens to be the Joint Venture Company, then the credentials of any of JV partners can be also considered for meeting PQR.
- c) If bidder happens to be the having valid collaboration agreement/ MOU/ licensing agreement with some other company, then the credentials of collaborator/ MOU partner/ licensing company can also be considered for meeting PQR.

Note: If bidder(s) qualifies on the basis of credentials of his principal/ JV partner/ Collaborator/ joint Bidder etc., then the principal/ JV partner/ Collaborator/ MOU partner/ joint Bidder shall be responsible for overall design vetting and warranty / guarantee of the package. The scope matrix

	2X1000MWe KUDANKULAM NPP HDPE PIPING & FITTINGS PRE - QUALIFYING REQUIREMENTS	DOCUMENT NO: PE-TS-999-000-M065
		REVISION NO: 00 DATE: 16.01.2021
		SHEET: 3 of 3

clearly defining their respective roles including design vetting, manufacturing of critical component, E&C etc. and warranty/ guarantee shall be submitted along with the offer.

- 2.2 Bidder to note that the arrangement of bidding (joint bid partners/ collaborator/ MOU partner/ licensing company etc.) once offered to BHEL as a part of bidding documents cannot be changed till the execution of contract(s).
- 2.3 Consideration of offer shall be subject to customer's approval of bidders, if applicable.
- 2.4 Bidder to submit all supporting documents in English. If documents submitted by Bidder are in language other than English, a self-attested English translated document should also be submitted
- 2.5 Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder/collaborators to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
- 2.6 After satisfactory fulfilment of all the above criteria/ requirement, application shall be considered for further evaluation as per NIT and all other terms of the tender.
- 2.7 Bidder to ensure that Third Party/Customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document/ certificate issuing authority such as name & designation of issuing authority and its organization contact number and email-id etc. In case the same found not available, BHEL has right to reject such document from evaluation.