

File No. PESD-4500PROC(MISC)/541/2022-PE-SD-450_PE**Govt. of India**

BHEL

PE&SD-PE&SD

450_ ENGINEERING_PE-SD

SUBJECT

Main Category : Procurement

Sub Category :

Description : PR documents-Gaskets-Namrup-1900148850

OTHER DETAILS

Language : English

Remarks :

No correspondence is attached in this file.

Note No. #1

Following PR documents (PR No-1900148850) for the procurement of Gaskets package for Namrup project are sent for your review and approval:

- 1.Draft PR-1900148850
- 2.Engg Check list
- 3.PBF
- 4.QAP
- 5.PQC Docs
- 6.BHEL specs



PQC-Annexure-1.pdf



PQC GASKETS.pdf



PBF-GASKETS PACKAGE-NAMRUP.pdf



GASKETS SPECS.pdf



GASKET-SMQP.pdf



ECL-GASKETS.pdf



1900148850.pdf

29/11/2022 1:18 PM

Imran Ahmad
(SE(Design/PE-SD))

Note No. #2

PR Approved and Released for further action by Purchase.



PR 1900148850 Released.pdf

29/11/2022 1:26 PM

Golakoti Srikanth
(DGM(Design/PE-SD))

Note No. #3

29/11/2022 1:27 PM

Amit Kundan Kumar

(SO(Purchase/PE-SD))

Note No. #1

Attachment:PQC-Annexure-1.pdf

Annexure-1

Supply References in the Last 5 Years ending on the Original due date of this tender

Details of items supplied by the Bidder:

Sl. No	Project Name along with name of Customer	Description Item(s) supplied	Qty. (m tons)	Purchase Order No & Date (Copy to be enclosed)	Delivery Date as per Order	Value of Order	Inspection Reports / Dispatch Documents (Copy to be enclosed)	Remarks

Note No. #1

Attachment: PQC GASKETS.pdf

PROCUREMENT OF Gaskets
Pre-Qualification Criteria (Technical)

Package Name : GASKETS
PR No : 1900148850

Manufacturers, Authorised Dealers, Agents, Stockists and Traders **of Gaskets** (documentary evidence to be provided), qualified as per the Prequalification criteria laid down below, **are allowed to bid**.

The bid evaluation shall be on Overall L1 basis .The bidder must quote for all the items under the package. Partial quotation shall not be considered.

Qualification Criteria of the Bidder:

The Bidders shall meet the Pre-Qualification Criteria (listed below). Non-compliance to any of the criteria listed below will lead to disqualification of bidder for the subject tender.

1. The bidder should be an established Manufacturer of **Gaskets** and should have successfully completed Manufacture, Testing and Supply of **MSW Gaskets, RJ Gaskets etc**, according to the design/manufacturing standard **ASME B16.20** .
2. The Bidder should have successfully completed supply of **MSW Gaskets/RJ Gaskets according to the design/manufacturing standard ASME B 16.20 the size range of 0.75"-12" of cumulative quantity of at least 70% of the total items in the enquiry** through a single Purchase Order or multiple Purchase Orders in the last 5 years ending on original due date of this tender, with at least one order executed after 01.01.2019.
3. Detailed BOQ of the **Gaskets** supplied, satisfying the criteria laid down above, shall be provided in the format enclosed as Annexure-I, with details like Project & Customer, Description, Quantity & Weight of Items supplied, PO details etc. as a minimum for assessing pre-qualification. **PO Copies, Inspection Reports and Dispatch documents shall be enclosed for the references provided.**
4. The bidder should not have been under suspension for business or blacklisted by any of the BHEL units.


Sl. No.	ITEM TYPE	ITEM DESCRIPTION	ITEM TYPE	MATERIAL	BHEL SPEC	RATING	FINAL QTY (M/No.s)	UNIT PRICE FIXING FACTOR	BIDDER CONFIRMATION (Quoted)
1	GASKET	GASKET RJ OVAL SS GRVNO:R26 PITCH 101.6 (FOR 2" 2500)	RING JOINT GASKET	STAINLESS STEEL TYPE	PY52158		10	0.096	
2	GASKET	GASKET RJ OVAL SI GRVNO:R35 PITCH 136.52(FOR 3" 1500)	RING JOINT GASKET	SOFT IRON	PY52157		10	0.114	
3	GASKET	RJ GASKET SI RING NO:R24 PITCH DIA 95.25(FOR 2" 1500)	RING JOINT GASKET	SOFT IRON	PY52157		10	0.060	
4	GASKET	RJ GASKET SI RING NO:R18 PITCH DIA 60.33(FOR 1" 2500)	RING JOINT GASKET	SOFT IRON	PY52157		10	0.035	
5	GASKET	RJ GASKET SI RING NO:R16 PITCH DIA 50.80(FOR 1" 1500)	RING JOINT GASKET	SOFT IRON	PY52157		12	0.042	
6	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 3" #300 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52079	CL 300	18	0.142	
7	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 6" #300 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52079	CL 300	12	0.158	
8	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 0.75" #300 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52079	CL 300	12	0.042	
9	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 1" #300 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52079	CL 300	12	0.053	
10	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 6" #150 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52078	CL 150	10	0.131	
11	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 2" #150 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52078	CL 150	10	0.044	
12	GASKET	NON ASBESTOS M.S.W. GASKET SIZE 4" #300 GRAPHITE FILLER	MSW GASKET	MSW WITH GRAPHITE FILLER	PY52079	CL 300	8	0.084	

1.000

NOTES:

- 1) Vendor to Quote Lumpsum Price for the Total Package.
- 2) Bidder to indicate "Quoted" in the column "Bidder's Confirmation" as a confirmation of their bid to the respective item.
- 3) The Bid Evaluation is on Overall L1 Basis. Each and Every item of the Package shall be quoted by the bidder.
- Partial offers will not be considered for evaluation and the same are liable for rejection.
- 4) The Total Lump price quoted shall be INCLUSIVE of GST,Freight, Packing & Forwarding and Testing Charges.
- 5) The Total Lump price quoted shall be EXCLUSIVE of Third party inspection (TPI) & Insurance Charges.

Note No. #1

Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION		Attachment: GASKETS SPECS.pdf PY 52 078	
		TECHNICAL SPECIFICATION		Rev. No. 00	
		METALLIC SPIRAL WOUND (GRAPHITE FILLER) GASKETS FOR CLASS 150 B16.5 FLANGED CONNECTIONS		Page 1 of 1	

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1.0 GENERAL

1.1 This standard specifies requirements related to Designation, Material, Sizes, Dimensions and other information required for ordering purposes of Metallic Spiral Wound (MSW) Gaskets with Graphite Filler for Raised Face/Flat Face Flanged connections of Class 150 as per B16.5.

1.2 The MSW Gaskets shall conform to the requirements of latest version of **ASME Standard B16.20 (Metallic Gaskets for Pipe Flanges)** and comply with the following additional requirements.

1.3 This specification is applicable to MSW Gaskets of Sizes NPS ½" to NPS 24".

2.0 MATERIAL:

2.1 Metal Winding : Stainless Steel AISI-316

2.2 External Centering Ring : Carbon Steel

2.3 Inner Ring : Stainless Steel AISI-316

2.4 Filler Material : Flexible Graphite

3.0 DIMENSIONS, TOLERANCES AND OTHER REQUIREMENTS:
Shall be as per ASME B16.20 (Latest edition).

4.0 SIZE AND FACE:
Gasket Size (NPS in inches) and Face (RF-Raised Face/FF-Flat Face) shall be as per BHEL Enquiry/Order.

5.0 DESIGNATION:
Metallic Spiral Wound Gasket with Graphite Filler for a 10" Class 150 Raised Face Flanged Connection shall be designated as:
MSW GASKET (GRAPH) 10" CL150 B16.5 RF.

6.0 TEST CERTIFICATES:
Three copies of test certificates consisting of mechanical properties and chemical composition of the metals shall be furnished.

7.0 MARKING AND PACKING:



7.1 The gasket centering ring shall be stamped with the following details:




- BHEL Standard No. PY 52 078
- Standard Marking as per clause 3.4 of ASME B16.20
- Manufacturer's Name or Trade Mark.
- Gasket identification number specified by BHEL in the order.

7.2 The gasket shall be enclosed in a moisture resistant wrapping and packed in such a manner as to prevent damage in transit or during storage.


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RECORD OF REVISIONS:

Rev	Date	Revision Detail	Revised by	Approved by
00	25.06.2015	FIRST ISSUE	 SRIKANTH G	 S B RAO

Refer Doc	LAYOUTS & PIPING ENGINEERING PROJECT ENGINEERING & SYSTEMS DIVISION	PREPARED	CHECKED	APPROVED	DATE
		 CH MANOJ	 SRIKANTH G	 S B RAO	25.06.15

Note No. #1

Form No:	 PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION		Attachment GASKETS SPECS.pdf PY 52 079	
		TECHNICAL SPECIFICATION		Rev. No. 00	
		METALLIC SPIRAL WOUND (GRAPHITE FILLER) GASKETS FOR CLASS 300 B16.5 FLANGED CONNECTIONS		Page 1 of 1	

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1.0 GENERAL

1.1 This standard specifies requirements related to Designation, Material, Sizes, Dimensions and other information required for ordering purposes of Metallic Spiral Wound (MSW) Gaskets with Graphite Filler for Raised Face/Flat Face Flanged connections of Class 300 as per B16.5.

1.2 The MSW Gaskets shall conform to the requirements of latest version of ASME Standard B16.20 "METALLIC GASKETS FOR PIPE FLANGES" and comply with the following additional requirements.

1.3 This specification is applicable to MSW Gaskets of Sizes NPS ½" to NPS 24".

2.0 MATERIAL:

2.1 Metal Winding : Stainless Steel AISI-316

2.2 External Centering Ring : Carbon Steel

2.3 Inner Ring : Stainless Steel AISI-316

2.4 Filler Material : Flexible Graphite

3.0 DIMENSIONS, TOLERANCES AND OTHER REQUIREMENTS:
Shall be as per ASME B16.20 (Latest edition).

4.0 SIZE AND FACE:
Gasket Size (NPS in inches) and Face (RF-Raised Face/FF-Flat Face) shall be as per BHEL Enquiry/Order.

5.0 DESIGNATION:
Metallic Spiral Wound Gasket with Graphite Filler for a 10" Class 300 Raised Face Flanged Connection shall be designated as:
MSW GASKET (GRAPH) 10" CL300 B16.5 RF.

6.0 TEST CERTIFICATES:
Three copies of test certificates consisting of mechanical properties and chemical composition of the metals shall be furnished.

7.0 MARKING AND PACKING:



7.1 The gasket centering ring shall be stamped with the following details:




- BHEL Standard No. PY 52 079
- Standard Marking as per clause 3.4 of ASME B16.20
- Manufacturer's Name or Trade Mark.
- Gasket identification number specified by BHEL in the order.

7.2 The gasket shall be enclosed in a moisture resistant wrapping and packed in such a manner as to prevent damage in transit or during storage.


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RECORD OF REVISIONS:

Rev	Date	Revision Detail	Revised by	Approved by
00	25.06.2015	FIRST ISSUE	 SRIKANTH G	 S B RAO

Refer Doc	LAYOUTS & PIPING ENGINEERING PROJECT ENGINEERING & SYSTEMS DIVISION	PREPARED  CH MANOJ	CHECKED  SRIKANTH G	APPROVED  S B RAO	DATE 25.06.15
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Note No. #1

Form No:	 BHEL PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION	Attachment: RING JOINT GASKETS SPECS.pdf PY 52 157	
		TECHNICAL SPECIFICATION		Rev. No. 00
		RING JOINT GASKET, OVAL TYPE, SOFT IRON		Page 1 of 1

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1.0 GENERAL

- 1.1 This standard specifies requirements related to Designation, Material, Sizes, Dimensions and other information required for ordering purposes of Ring Joint (RJ) Gasket for Ring Joint Flanged connections of Classes as per B16.5.
- 1.2 The Ring Joint Gaskets shall be of **Oval type** and shall conform to the requirements of latest version of **ASME Standard B16.20 (Metallic Gaskets for Pipe Flanges)** and comply with the following additional requirements.

2.0 MATERIAL:

- 2.1 The Gasket Material shall be SOFT IRON with Brinell hardness of 90 max.
- 2.2 The Surface Finish of the gaskets shall not be rougher than 1.6 microns.

3.0 DIMENSIONS, TOLERANCES AND OTHER REQUIREMENTS:

Shall be as per ASME B16.20 (Latest edition).

4.0 SIZE:

Gasket Size (R Number) shall be as per BHEL Enquiry/ Order.

5.0 DESIGNATION:

Ring Joint Gasket, Oval type of R Number R11 shall be designated as:

RING JOINT GASKET OVAL SOFT IRON R11.

6.0 TEST CERTIFICATES:



Three copies of test certificates consisting of mechanical properties and chemical composition of the metals shall be furnished.




7.0 MARKING AND PACKING:

- 7.1 The gasket centering ring shall be stamped with the following details:
- BHEL Standard No. PY 52 157
 - Standard Marking as per clause 2.4 of ASME B16.20
 - Manufacturer's Name or Trade Mark.
 - Gasket identification number specified by BHEL in the order.
- 7.2 The gasket shall be enclosed in a moisture resistant wrapping and packed in such a manner as to prevent damage in transit or during storage.


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RECORD OF REVISIONS:

Rev	Date	Revision Detail	Revised by	Approved by
00	15.02.2016	FIRST ISSUE	 SRIKANTH G	 SB RAO

Refer Doc	LAYOUTS & PIPING ENGINEERING PROJECT ENGINEERING & SYSTEMS DIVISION	PREPARED	CHECKED	APPROVED	DATE
		 NKB	 SRIKANTH G	 SB RAO	15.02.16

Note No. #1

Form No:	 BHEL PE&SD	BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING & SYSTEMS DIVISION	Attachment: RING JOINT GASKETS SPECS.pdf PY 52 158	
		TECHNICAL SPECIFICATION		Rev. No. 00
		RING JOINT GASKET, OVAL TYPE, SS304		Page 1 of 1

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1.0 GENERAL

- 1.1 This standard specifies requirements related to Designation, Material, Sizes, Dimensions and other information required for ordering purposes of Ring Joint (RJ) Gasket for Ring Joint Flanged connections of Classes as per B16.5.
- 1.2 The Ring Joint Gaskets shall be of **Oval type** and shall conform to the requirements of latest version of **ASME Standard B16.20 (Metallic Gaskets for Pipe Flanges)** and comply with the following additional requirements.

2.0 MATERIAL:

- 2.1 The Gasket Material shall be **SS304** with Brinell hardness of 160 max.
- 2.2 The Surface Finish of the gaskets shall not be rougher than 1.6 microns.

3.0 DIMENSIONS, TOLERANCES AND OTHER REQUIREMENTS:

Shall be as per ASME B16.20 (Latest edition).

4.0 SIZE:

Gasket Size (R Number) shall be as per BHEL Enquiry/ Order.

5.0 DESIGNATION:

Ring Joint Gasket, Oval type of R Number R11 shall be designated as:

RING JOINT GASKET OVAL SS304 R11.

6.0 TEST CERTIFICATES:



Three copies of test certificates consisting of mechanical properties and chemical composition of the metals shall be furnished.




7.0 MARKING AND PACKING:

- 7.1 The gasket centering ring shall be stamped with the following details:
- BHEL Standard No. PY 52 158
 - Standard Marking as per clause 2.4 of ASME B16.20
 - Manufacturer's Name or Trade Mark.
 - Gasket identification number specified by BHEL in the order.
- 7.2 The gasket shall be enclosed in a moisture resistant wrapping and packed in such a manner as to prevent damage in transit or during storage.

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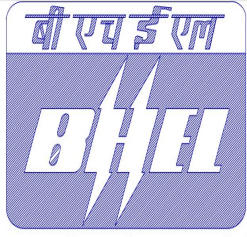
RECORD OF REVISIONS:

Rev	Date	Revision Detail	Revised by	Approved by
00	15.02.2016	FIRST ISSUE	 SRIKANTH G	 SB RAO

Refer Doc	LAYOUTS & PIPING ENGINEERING PROJECT ENGINEERING & SYSTEMS DIVISION	PREPARED	CHECKED	APPROVED	DATE
		 NKB	 SRIKANTH G	 SB RAO	15.02.16

Note No. #1

Attachment: GASKET-SMQP.pdf

 PROJECT ENGINEERING & SYSTEM DIVISION		STANDARD MANUFACTURING QUALITY PLAN						QP. NO.: PESD/QA/ GASKET/01/18-19						
		PRODUCT: GASKET						BHEL SPEC: AS PER P.O		REV NO: 00	DATE: 22-02-2019			
										PAGE 1 OF 2				
SL NO	COMPONENTS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	*	AGENCY				REMARKS
									D	P	W	V		
1.0	RAW MATERIALS & BOUGHT OUT ITEMS													
	Raw Material	Material Identification	Major	TC Review	100%	Approved BHEL Spec./Drawing/datasheet	Approved BHEL Spec./Drawing/datasheet	MTC	√	2	1	1		
2.0	FINAL INSPECTION & TESTING													
		Visual, Dimension, Marking	Major	Visual	100%				IR	√	2	1	1	10% shall be witnessed by "1"
		Chemical & Mechanical properties	Major	TC Review	One per lot/batch				MTC	√	2	1	1	
		Compressibility, Recovery	Major	Testing	Random				TC	√	2	1	-	
		Residual Stress, Gas permeability & Resistance to fluid test	Major	Testing	Random				TC	√	2	2	1	Applicable for NAB gasket
		BOM check	Major	Visual	100%				IR	√	2	1	-	
4.0	PRESERVATION & PACKING													
	Gasket	Packing, Marking	Major	Visual	100%	Approved BHEL Spec./Drawing/datasheet	Approved BHEL Spec./Drawing/datasheet	IR	√	2	2	1		

LEGEND: P: PERFORM, W: WITNESS, V: TEST CERTIFICATE REVIEW. INDICATE 1 FOR BHEL / BHEL NOMINATED INSPECTION AGENCY & 2 FOR VENDOR/SUB VENDOR AS APPROPRIATE AGAINST EACH COMPONENT /CHARACTERISTIC UNDER P, W & V COLUMNS. * FOR ITEMS MARKED ✓ (TICK) IN COLUMN 'D', TEST CERTIFICATES SHALL BE SUBMITTED TO BHEL FOR RECORDS.

PREPARED BY

BHEL QA SIGNATURE & STAMP



APPROVED BY

BHEL QA SIGNATURE & STAMP

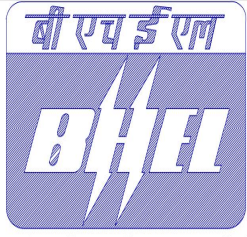


APPROVED BY

CUSTOMER'S SIGNATURE & STAMP
(IF APPLICABLE)

Note No. #1

Attachment: GASKET-SMQP.pdf



 PROJECT ENGINEERING & SYSTEM DIVISION		STANDARD MANUFACTURING QUALITY PLAN						QP. NO.: PESD/QA/ GASKET/01/18-19					
		PRODUCT: GASKET						BHEL SPEC: AS PER P.O				REV NO: 00	DATE: 22-02-2019
												PAGE 2 OF 2	
SL NO	COMPONENTS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	*	AGENCY			REMARKS
									D	P	W	V	

Notes:-

1. This MQP should be read along with specification, approved drawings & approved datasheet. (Latest revisions to be considered as per PO).
2. Drawing/datasheet shall prevail over quality plan for contradiction if any.
3. Any project/customer specific requirements, which shall be notified, have to be fulfilled by the vendor at the time of execution of order.
4. Seaworthy packing shall be **witnessed** BHEL/BHEL nominated inspection agency for overseas project.
5. End Customer/Consultant inspection if any shall be intimated during quality plan approval.
6. **NACE requirement:** For items coming under **NACE category**, all tests, reports, MTC and certificates shall be submitted as per **NACE MR0103** requirements.

Abbreviations:-

MTC - Material Test certificate	WPS - Welding Procedure Specification
IBR - Indian Boiler Regulations	PQR - Procedure Qualification Record
DFT - Dry Film Thickness	WPQ - Welder Performance Qualification
TC - Test Certificate	NDE - Non Destructive Examination
IS - Indian Standards	UTS - Ultimate Tensile Strength
Appd.	YS - Yield Strength
Dwg. - Approved Drawing	EL. - Elongation
PMI - Positive Material Identification	OD - Outer Diameter
G.I - Galvanized Iron	ID - Internal Diameter

LEGEND: P: PERFORM, W: WITNESS, V: TEST CERTIFICATE REVIEW. INDICATE 1 FOR BHEL / BHEL NOMINATED INSPECTION AGENCY & 2 FOR VENDOR/SUB VENDOR AS APPROPRIATE AGAINST EACH COMPONENT /CHARACTERISTIC UNDER P, W & V COLUMNS. * FOR ITEMS MARKED ✓ (TICK) IN COLUMN 'D'; TEST CERTIFICATES SHALL BE SUBMITTED TO BHEL FOR RECORDS.	PREPARED  BHEL QA SIGNATURE & STAMP	APPROVED BY  BHEL QA SIGNATURE & STAMP	APPROVED BY CUSTOMER'S SIGNATURE & STAMP (IF APPLICABLE)
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Note No. #1 CSP-004/A2, ESP-003 	PROJECT ENGINEERING & SYSTEMS DIVISION OVER ALL CHECKLIST FOR PURCHASE REQUISITION	Attachment: ECL-GASKETS.pdf LSP-003-05A1
		Rev. No. 01
		Page 1 of 1

Annexure-1

Project: **APGCL NAMRUP**PR No: **1900148850**Item Description: **GASKETS PACKAGE**PR Release Date: **29.11.2022****Engineering Check List for issue of Technical Specification:**

Indenter to confirm whether the following (wherever applicable) are ensured in (or along with) the Purchase Requisition/ Technical Specification :			
Sl. No.	Description	Yes /No	Remarks
1	Price Estimates (EFC) in sealed envelope have been sent to Purchase department.	NA	
2	Provision available in the project estimate (AS-11).	YES	Available under A3
3	Approval of Quality received on Technical Specifications.	YES	
4	Reference no. of customer vendor list for the item, if applicable.	-	
5	Requirement of Commissioning Spares is included in Technical Specification.	NO	Not applicable
6	Requirement of Initial Spares is included in Technical Specification for evaluation along with Main package/Equipment: i) Mandatory Spares as defined in Customer's Specification / Initial Spares W.O. ii) O&M Spares as defined in Customer's Specification / Initial Spares W.O.	NO	Not applicable
7	Separate PR is released for Mandatory spares, if applicable.	NO	Not applicable
8	Evaluation Criterion finalized by indenter / purchase officer. Overall L1 basis <input checked="" type="checkbox"/> Item Level L1 basis <input type="checkbox"/>	-	Signature of: Indenter / Purchase officer
9	Information / data / Interface exchange details between BHEL and vendor along with schedules is defined in the Specification.	YES	-
10	Any Erection, commissioning or civil works included in vendor's scope. If yes, mention in remarks.	NO	Not applicable
11	Optional prices (item wise) of Critical Spares / Recommended O&M Spares have been included in the price format.	NO	Not applicable
12	Optional prices (item wise) for Supervision Services of E&C included in the price format.	NO	Not applicable

Signature and Seal of HOS(Engg.)

Signature and Seal of Indenter

Date:

Date: 29.11.2022

Note No



Attachment:1900148850.pdf

PURCHASE REQUISITION

PR No:1900148850 Project Type:Main Orders

PRINTED ON: 29.11.2022

Created On:29.11.2022

DOC TYPE: ZTPS - Third Party(DD) Itm

PLANT DES: PESD MECHANICAL

TOTAL ESTIMATED/PSL VALUE Code:A

ITEM NO: 10 DU: DD PURCHASE GROUP: T7J ST.LOC.NO: DD99
 MATERIAL No: PY9752010270 FSN Ind: MATERIAL TYPE: ZSUD Mechanical Items
 HSN NO : 84849000
 ITEM QTY:1.000 MU: SET GWT/UNIT: 300.000 KG
 SPEC No:PY52010 SPEC-REV: 07 SPEC-VAR:27 NWT/UNIT:300.000 KG
 DRAWING NO:NA DRG-VAR: DRG-REV:
 MATERIAL CATEGORY No: PE.MP.041 LPO/EST/MAP Unit Value Code: A
 MATERIAL_CRITICALITY:
 MATERIAL ATTESTATION :
 MANUFACTURER PART No: LPO/EST/MAP Total Value in Code:A
 SHORT DESCRIPTION:GASKET PACKAGE-NAMRUP
 LONG DESCRIPTION:
 BLCKD IND: REASON TO BLCK: Stk Avl(PrntDt): Pend.Issues(PrntDt): Last Chgd
 0.000 0.000 On:29.11.2022

REMARKS:

WBS Element	PART	DELIVERY DATE	L2-Date	QUANTITY
P-1085149900-38606	38606002	28.01.2023	14.01.2023	1.000

SUPPLIER NAME:

ENGG REMARKS:

PROJ DEF	PROJECT DESC	CUSTOMER NAME
M-DA-1201	STG Restoration work of NRPP-APGCL TWBS-STG Restoration work of NRPP-APGCL UNIT	STG Restoration work of NRPP

WORKORDER	ISSUE-DATE	DELY-DT	CAV	DD ED	Import Duties	FREIGHT
W-1085149900	15.09.2022	14.01.2023	No	No		BHEL Scope

Legend CAV: Customer Approved Vendor list ,FSN Ind:Fast Slow Non Moving Indicator

DD_ED: ED/ST reimbursement applicability

SOURCE OF SUPPLY:

REMARKS:

REQUISITIONER: Imran Ahmad

RELEASED BY:

On:

Material Code	Material Description	PR Qty in pipeline	PO Qty in pipeline	Stocks in stores	As on Date
PY9752010270	GASKET PACKAGE-NAMRUP				29.11.2022

Note No



Attachment:PR 1900148850 Released.pdf

PURCHASE REQUISITION

PR No:1900148850 Project Type:Main Orders

PRINTED ON: 29.11.2022

Created On:29.11.2022

DOC TYPE: ZTPS - Third Party(DD) Itm

PLANT DES: PESD MECHANICAL

TOTAL ESTIMATED/PSL VALUE Code:A

ITEM NO: 10 DU: DD PURCHASE GROUP: T7J ST.LOC.NO: DD99
 MATERIAL No: PY9752010270 FSN Ind: MATERIAL TYPE: ZSUD Mechanical Items
 HSN NO : 84849000
 ITEM QTY:1.000 MU: SET GWT/UNIT: 300.000 KG
 SPEC No:PY52010 SPEC-REV: 07 SPEC-VAR:27 NWT/UNIT:300.000 KG
 DRAWING NO:NA DRG-VAR: DRG-REV:
 MATERIAL CATEGORY No: PE.MP.041 LPO/EST/MAP Unit Value Code: A
 MATERIAL CRITICALITY:
 MATERIAL ATTESTATION :
 MANUFACTURER PART No: LPO/EST/MAP Total Value in Code:A
 SHORT DESCRIPTION:GASKET PACKAGE-NAMRUP
 LONG DESCRIPTION:
 BLCKD IND: REASON TO BLCK: Stk Avl(PrntDt): Pend.Issues(PrntDt): Last Chgd
 0.000 0.000 On:29.11.2022

REMARKS:

WBS Element	PART	DELIVERY DATE	L2-Date	QUANTITY
P-1085149900-38606	38606002	28.01.2023	14.01.2023	1.000

SUPPLIER NAME:

ENGG REMARKS:

PROJ DEF	PROJECT DESC	CUSTOMER NAME
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SPECIAL REMARKS

M-DA-1201	STG Restoration work of NRPP-APGCL	STG Restoration work of NRPP
	TWBS-STG Restoration work of	
	NRPP-APGCL UNIT	

WORKORDER	ISSUE-DATE	DELY-DT	CAV	DD_ED	Import Duties	FREIGHT
W-1085149900	15.09.2022	14.01.2023	No	No		BHEL Scope

Legend CAV: Customer Approved Vendor list ,FSN Ind:Fast Slow Non Moving Indicator

DD_ED: ED/ST reimbursement applicability

SOURCE OF SUPPLY:

REMARKS:

REQUISITIONER: Imran Ahmad

RELEASED BY: SRIKANTH G

On:29.11.2022

Material Code	Material Description	PR Qty in pipeline	PO Qty in pipeline	Stocks in stores	As on Date
PY9752010270	GASKET PACKAGE-NAMRUP				29.11.2022

