



Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS LIMITED

(A JOINT VENTURE OF HPCL & GAIL)

BID DOCUMENT FOR

PROCUREMENT OF SPIRAL WOUND METALLIC GASKETS FOR OPERATION & MAINTENANCE FOR CNG & CGD PROJECTS

UNDER LIMITED DOMESTIC COMPETITIVE BIDDING

Bid Document No.: BGL/151/2011-12

VOLUME-II of II



Bhagyanagar Gas Ltd.
BHAGYANAGAR GAS
LIMITED

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Operation & Maintenance for CNG & CGD Projects.

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SECTION – 8

MATERIAL REQUISITION

MATERIAL REQUISITION

S.No	Description and specification	UOM	Qty
1	16"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	16
2	14"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	10
3	12"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	35
4	10"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25
5	8"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	30
6	6"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	30
7	6"X150#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15
8	4"X150#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	20
9	4"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	60
10	4"X600#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15
11	3"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25
12	2"X150#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15
13	2"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	100
14	2"X600#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	10
15	1 1/2"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25
16	1"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	40
17	1"X600#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15
18	3/4"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25
19	1/2"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	10



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SECTION – 9

**SPECIAL CONDITIONS OF CONTRACT
(SCC)**

SPECIAL CONDITIONS OF CONTRACT (SCC)

1.0 GENERAL

- 1.1 Special Conditions of Contract shall be read in Conjunction with the General Conditions of Contract, Specification of work, Drawing and any other documents forming part of this Contract wherever the context so requires.
- 1.2 Notwithstanding the sub-division of the documents into these separate sections and volumes every part of each shall be deemed to be supplementary to and complementary of every other part and shall be read within the Contract so far as it may be practicable to do so.
- 1.3 Where any portion of the General Conditions of Contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, unless a different intention appears, the provisions of the Special Conditions of Contract shall be deemed to over-ride the provisions of the General Conditions of Contract and shall be the extent of such repugnancy, or variations, prevail.
- 1.4 Wherever it is mentioned in the specification that the Contractor shall perform certain work or provide certain facilities, it is understood that the Contractor shall do so at his cost and the **Value of Contract** shall be deemed to have include cost of such performance and provisions, so mentioned.
- 1.5 The materials, design, and workmanship shall satisfy the relevant Indian Standard, the Job Specifications contained herein and Codes referred to. Where the job specification stipulate requirements in addition to those contained in the standard codes and specifications, these additional requirements shall also be satisfied.
- 1.6 In case of an irreconcilable conflict between Indian or other applicable standards, General Conditions of Contract, Special Conditions of Contract, Specification, Drawings or Schedule of Rates, the following shall prevail to the extent of such irreconcilable conflict in order of precedence:
- i) Letter of Acceptance/ LOI along with Statement of Agreed Variations.
 - ii) Schedule of Rates as enclosures to Letter of Acceptance
 - iii) Special Conditions of Contract
 - iv) Drawings
 - v) Technical/ Material Specifications
 - vi) Instruction to Bidder
 - vii) General Conditions of Contract
 - viii) Indian Standards
 - ix) Other applicable standards
- 1.7 It will be the Contractor's responsibility to bring to the notice of Engineer-in-charge any irreconcilable conflict in the contract documents before starting the work(s) or making the supply with reference which the conflict exists.
- 1.8 In the absence of any Specifications covering any material, design of work(s) the same shall be performed/ supplies/ executed in accordance with Standard Engineering Practice as per the instructions/ directions of the Engineer-in-charge, which will be binding on the Contractor.



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2.0 Detailed Scope of work:

Scope includes Cost of imported raw material/Components & Custom Duty thereon, pkg/fwd, excluding ED & ST on finished goods as per technical data sheet material requisition provided in the bid.

3.0 Delivery period:

Delivery of goods shall be completed within **06 (six) weeks** with effect from date of notification of award.

4.0 Delivery location: The Items to be delivered to the below mentioned address:

M/s. Bhagyanagar Gas Limited
City Gate Station cum Mother Station
Survey No: 1266,
Opp. To Nalsar Law University (700 Mt. Inside)
Shamirpet (Village), Shamirpet (Mandal),
Ranga Reddy Dist.

5.0 Inspection:

BGL reserves the right to Pre-Dispatch Inspection or Inspection at site by BGL/BGL appointed Third party. Inspection Charges will be borne by BGL.

6.0 Freight:

Freight charges upto project site by road including all taxes like octroi, entry tax by supplier.

7.0 Transit Insurance:

Transit Insurance will be taken up by BGL. Supplier has to inform Dispatch particulars in advance to BGL.

8.0 Payment terms:

The payment shall be made within 15 days from receipt of Invoice, submission of below mentioned documents and acceptance of material by EIC.

The 100% payment will be done after receiving and accepting the goods as specified in the scope of supply, technical data sheet and submission of all related documents.

The following documents to be submitted for releasing the payment:

- i) Manufacturer's test certificate.
- ii) Material test Certificate.
- iii) Guarantee certificate,



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9.0 Price Reduction Schedule & Defect Liability Period

If the Supplier fails to complete the SERVICES according to the schedule mentioned in tender document, the CONTRACT price shall stand reduced @ one half percent (0.5%) of the total contract value for each week of delay on undelivered portion or part thereof subject to maximum of 5% of total contract value.

All Goods or Materials shall be supplied strictly in accordance with the specifications, drawings, data sheets, other attachments and conditions stated in the Contract.

No deviation from such specifications or alterations or of these conditions shall be made without BGL's agreement in writing which must be obtained before any work against the order is commenced. All materials supplied by the SUPPLIER pursuant to the Contract (irrespective of whether engineering, design data or other information has been furnished, reviewed or approved by BGL/BGL's TPI Agency) are guaranteed to be of the best quality of their respective kinds (unless otherwise specifically authorised in writing by BGL/BGL's TPI Agency) and shall be free from faulty design, workmanship and materials, and to be of sufficient size and capacity and of proper materials so as to fulfil in all respects all operating conditions, if any, specified in the Contract. *If any trouble or defect, originating with the design, material, workmanship or operating characteristics of any materials, arises at any time prior to twelve(12) months from the date of the commercial operation for which the materials supplied under the Contract form a part thereof, or Eighteen (18) months from the date of last shipment whichever period shall first expire, and the SUPPLIER is notified thereof, SUPPLIER shall, at his own expense and as promptly as possible, make such alterations, repairs and replacements as may necessary to permit the materials to function in accordance with the specifications and to fulfil the foregoing guarantees.*

10.0 Security Deposit:

VOID

11.0 Validity of offer:

The offer must be valid for minimum period of 45 days from the date of submission of the bid.

12.0 Repeat Order:

Upto 100% of Contract Quantities within 06 (six) months from date of last delivered Gasket. Price, terms & Conditions shall remain same as per Purchase Order.



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SECTION – 10

**TECHNICAL SPECIFICATIONS & DATA
SHEETS**

TECHNICAL SPECIFICATIONS & DATA SHEETS

S.No	DESCRIPTION	SPECIFICATION
1	16" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
2	14" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
3	12" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
4	10" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
5	8" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
6	6" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
7	6" X150	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
8	4" X150#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
9	4" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
10	4" X600#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
11	3" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
12	2" X150#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
13	2" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
14	2" X600#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
15	1 ½" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
16	1" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
17	1" X600#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
18	¾" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm
19	½" X300#	Spiral wound, SS316+CAF, B-16.20, Gasket thk-4.5 mm, ring thk-3.2mm

Note:

- 1) All gaskets shall conform to the codes/standards and specifications given in the requisition.
- 2) Vendor shall strictly comply with MR stipulations and no deviations shall be permitted.
- 3) Process of manufacture, dimensions and tolerances not specified in requisition shall be in accordance with the requirements of the manufacturer's standards.
- 4) Test reports shall be supplied for all mandatory tests for gaskets as per the standards specified in the requisition.
- 5) For Spiral wound material following shall be furnished:
 - a) Manufacturer's test certificate for filler material and spiral material as per the relevant material specifications.



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- b) Manufacturer's test certificate for raw materials and tests for compressibility/sealability & recovery as per the relevant material specifications.
- 6) SS316 Shall be used as winding material.
 - 7) Filler material for spiral wound gaskets shall not have any colour or dye.
 - 8) All spiral wound gaskets shall be supplied with Outer ring. Material of the outer ring shall be Carbon Steel.
 - 9) Gaskets of different types and sizes shall be placed in separate shipping containers and each container clearly marked with the size, rating, material specification and item code.
 - 10) All Gaskets shall be stamped with size, rating, material specification and item code.
 - 11) All items shall be inspected and approved by BGL Inspector or any other agency authorized by BGL.
 - 12) Spiral wound gasket as per **ASME B16.20** shall match flanges to **ASME B16.5**.



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SECTION – 11

SCHEDULE OF RATES (SOR)

SCHEDULE OF RATES (SOR)

Project: CNG & CGD Projects in Hyderabad, Vijayawada & Kakinada
Item: Procurement of Spiral Wound Metallic Gaskets for Operation & Maintenance
Tender No: BGL/151/2011-12 dtd 20.06.2011

In Indian Rupees

S.No	Description and specification	UOM	Qty	Unit Price Ex-works including cost of raw material/components, Pkg/Fwd, but excluding ED&ST on finished goods	Per unit Excise Duty@.....%	Per Unit Sales Tax @.....%	Per unit Freight upto project site by Road & other taxes like octroi, entry tax	Per unit FOT site (5+6+7+8)	TOTAL FOT project site (4*9)
1	2	3	4	5	6	7	8	9	10
1	16"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	16						
2	14"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	10						
3	12"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	35						
4	10"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25						
5	8"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	30						
6	6"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	30						
7	6"X150#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15						
8	4"X150#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	20						
9	4"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	60						
10	4"X600#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15						
11	3"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25						
12	2"X150#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15						
13	2"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	100						
14	2"X600#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	10						

SCHEDULE OF RATES (SOR)

Project: CNG & CGD Projects in Hyderabad, Vijayawada & Kakinada
Item: Procurement of Spiral Wound Metallic Gaskets for Operation & Maintenance
Tender No: BGL/151/2011-12 dtd 20.06.2011

In Indian Rupees

S.No	Description and specification	UOM	Qty	Unit Price Ex-works including cost of raw material/components, Pkg/Fwd, but excluding ED&ST on finished goods	Per unit Excise Duty@.....%	Per Unit Sales Tax @.....%	Per unit Freight upto project site by Road & other taxes like octroi, entry tax	Per unit FOT site (5+6+7+8)	TOTAL FOT project site (4*9)
1	2	3	4	5	6	7	8	9	10
15	1 1/2"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25						
16	1"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	40						
17	1"X600#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	15						
18	3/4"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	25						
19	1/2"X300#, Spiral wound, SS316+CAF, B-16.20, Gas thk-4.5mm ring thk-3.2mm	Nos.	10						
Total Amount for Complete Scope of Supply on FOT Site Basis									

Bidder to quote for all the items of Schedule of Rates (SOR). Price Evaluation and Oding will be done on overall minimum cost to the company on complete scope of supply

Bidder to Indicate the following

- Excise Duty @.....%**
- CST with Form 'C' @.....%**
- CST without Form 'C' @.....%**
- VAT @.....%**