



BHAGYANAGAR GAS LIMITED
(A JOINT VENTURE OF HPCL & GAIL)

BID DOCUMENT FOR

Procurement of non-sparking tools for Operational and
Maintenance purpose for the Hyderabad, Vijayawada and
Kakinada GA's

**UNDER OPEN DOMESTIC
COMPETITIVE BIDDING**

Bid Document No.: BGL/627/2024-25

VOLUME-II of II

C O N T E N T

SECTION 7 - SPECIAL CONDITIONS OF CONTRACT (SCC)

SECTION 8 - TECHNICAL SPECIFICATION

SECTION 9 - SCHEDULE OF RATES/ PRICE SCHEDULE

SECTION – 7

SPECIAL CONDITIONS OF CONTRACT (SCC)

SPECIAL CONDITIONS OF CONTRACT (SCC)

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 ever part of each shall be deemed to be supplementary to and complementary of every other part and shall be read with in 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 included 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/ FOI 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.

2.0 DELIVERY SCHEDULE:-

With in 4-6 weeks from Placement of PO.

3.0 PAYMENT TERMS:-

100% Payment will be done by BGL against submission of invoices, Warrantee certificates, all related technical documents. Payment would be released by the finance department at BGL. Hyderabad within 15 days from the date of submission of acceptable documents duly certified by the Engineer-In-charge. Payment will be made through RTGS/NEFT.

4.0 DELIVERY LOCATION:-

Delivery Address: Bhagyanagar Gas Limited

Hyderabad: Survey no.1266, Shameerpet village, near Nalsar Law university, medchal-501401

Kakinada: D.No 67-1-2,5 building center, Opp-Pydavari street, LB Nagar, Kakinada, AP-533004.

Vijayawada: R.S No. 70, Kottur-Tadepally road, Vidhyadharapuram, Near Y.V Rao estates Vijayawada A.P 520012

5.0 WARRANTY:

12 Months from the date of supply, against poor workmanship and Manufacturing Defects.

6.0 EVALUATION CRITERIA:

Evaluation shall be done on overall least cost basis

7.0 Other GCC:-

All other GCC remains unaltered.

8.0 CONTRACT PRICE

The contract price shall be deemed to be firm and valid for the entire duration of the contract till the completion of work, and shall not be subject to any adjustment due to an increase in price of materials, utilities, or any. other input for performance of work and the contract except for increase/decrease in taxes and duties on account of subsequent legislation.

9.0 QUALITY ASSURANCE/QUALITY CONTROL:

- 9.1 The Contractor shall "prepare a detailed quality assurance plan for the execution of Contract for various facilities, which will be mutually discussed and agreed to.
- 9.2 The Contractor shall establish document and maintain an effective quality assurance system outlined in recognized codes.
- 9.3 The Purchaser while agreeing to a quality assurance plan shall mark the stages where they would like to witness the tests; review any or all stages of work at shop/site as deemed necessary for quality assurance.

10.0 QUANTITY VARIATION

The tendered quantity may vary depending upon the project requirement. BGL reserves the right to decrease/ increase the quantity depending upon its requirement.

11.0 DISPATCH INSTRUCTIONS

- 11.1 Seller shall obtain dispatch clearance from the Purchaser prior to each dispatch.
- 11.2 Copy of Inspection Release Certificate, Dispatch Clearance and statement showing the name of the Vessel/Trailers description and weight of material and shipping marks etc. to be submitted along with the documents.

12.0 INSPECTION, TESTING & EXPEDITING:

Third Party Inspection Agency shall carry out stage wise inspection during manufacturing of tools or wrenches and accessories as per approved quality assurance plan (QAP) submitted by the bidder for non-sparking tools. Supplier shall furnish all the material test certificates, Proof of approval/license from specified authority as per specified standard. The QAP and factory acceptance Test procedure will be forwarded to BGL for review and approval. No additional inspection/testing charges will be paid to supplier for arranging the inspection test. Bidder has to suggest at least 3 TPIA approved by PNGRB for carrying out the job and BGL will select one from them.

13.0 REJECTION

- 13.1. Any materials/goods covered under scope of supply, which during the process of inspection by appointed third party, at any stage of manufacture/fabrication, and subsequent stages, prior to dispatch is found not conforming to the requirements/specifications of the Purchase Requisition /Order, shall be liable for immediate rejection.
- 13.2. Supplier shall be responsible and liable for immediate replacement of such material with acceptable material at no extra cost or impact on the delivery schedule to EMPLOYER

14.0 COMPENSATION FOR DELAY (PRICE REDUCTION /LIQUIDATED DAMAGES)

In case of delay in delivery of materials beyond contractually agreed delivery schedule, price reduction schedule will be applicable @0.5% of material value for the unsupplied portion per week of delay or Part thereof, subject to ceiling of 5%(FIVEPERCENT)of the total order value. For details, please refer relevant clause of GCC-Goods.

The value referred in PRS clause is excluding GST & all taxes & duties.

15.0 PERFORMANCE BANK GUARANTEE/ SECURITY DEPOSIT:

Vendor shall submit SD / CPBG @ 10% of Contract/Order value within 30 days of award or Initial deposit of SD / CPBG @ 5% of Contract/Order value within 30 days of award and balance to be deducted against each RA bills till balance 5% is deducted/for supply, it is to be deducted from the invoice. This deducted amount can be released/deduction can be stopped against submission of bank guarantee of equivalent amount. The contract performance bank guarantee shall be valid 03(three) months beyond the expiry of Warrantee/Guarantee period. The Performance Guarantee shall be in form of either Demand Draft or Banker's Cheque or irrevocable Bank Guarantee and shall be in the currency of Contract (issued by any Indian Scheduled bank or a branch of an International Bank situated in India and registered with Reserve Bank of India as Scheduled Foreign Bank). However, in case of Bank Guarantee from banks other than the Nationalized Indian bank, the bank must be a commercial bank having net worth in excess of Rs. 100 Crores or equivalent US Dollars and a declaration to this effect should be made by such commercial bank either in the bank guarantee itself or separately on its letterhead. BGL shall not be liable to pay any bank charges, commission or interest on the same. Failure of the successful bidder to comply with the requirement of this clause shall constitute a breach of contract, cause for annulment of the award, forfeiture of the bid security and any such remedy the Owner may take under the Contract pursuant to GCC Goods. There is no exemption to MSEs including SSI units from submission of Security Deposit/ Performance Bank Guarantee (PBG).

16.0 REPEAT ORDER

Purchaser reserves the right within six months of order to place repeat order up to 50% of ordered quantity.

17.0 PACKING, MARKING AND SHIPMENT

The Seller, wherever applicable shall after proper painting, pack and create all goods for sea/air/road/rail transportation in a manner suitable to tropical humid climatic region in accordance with the internationally accepted practices and in such a manner so as to protect it from damage and deterioration, in transit by sea or air or road or rail and during storage

at the storehouse. The Seller shall be held responsible for all damages due to improper packing. The Seller shall ensure sizing or packing of all oversized consignments in such a way that availability of carrier and/or road/rail route is properly taken into consideration.

Seller shall comply with the Packing, Marking and Shipping Instructions and Special Packaging Requirement as per the Bidding Document.

18.0 INDEPENDENT SELLER

It is expressly understood and agreed that Seller is an independent party and that neither the Seller/its personnel are servants, agents or employees of Purchaser nor the Seller has any kind of interest in other sellers.

19.0 LIEN

Seller shall ensure that the Scope of Supply supplied under the Agreement shall be free from any claims of title/liens from any third party. In the event of such claims by any party, Seller shall at his own cost defend, indemnify and hold harmless Purchaser or its authorised representative from such disputes of title/liens, costs, consequences etc.

20.0 LIMITATION OF LIABILITY

Notwithstanding anything contrary contained herein, the aggregate total liability of Supplier under the Contract or otherwise shall be limited to 100% of contract value. However, neither party shall be liable to the other party for any indirect and consequential damages, loss of profits or loss of production.

21.0 GOVERNING LAW

Laws of India will govern the Agreement and Hyderabad courts will have exclusive jurisdiction on all matters related to Agreement.

22.0 OWNER'S RIGHTS AND REMEDIES

Without prejudice to Owner's right and remedies under Agreement, if SUPPLIER fails to commence delivery as per agreed schedule and/or in reasonable opinion of the OWNER, CONTRACTOR is not in a position to make up the delay to meet the intended purpose, the OWNER may terminate the AGREEMENT in full or part at SUPPLIER's default and may get supplies from other sources at SUPPLIER's risk and cost.

23.0 FAILURE & TERMINATION CLAUSE

Time and date of delivery shall be the essence of the contract. If the vendor/contractor fails to deliver the entire quantity of materials ordered/ complete the work or a part thereof within the contractual delivery/ completion period agreed to for such part or total quantity as per the delivery / time schedule or at any time repudiates the contract before the expiry

of such period, BGL may without prejudice to any other right or remedy available to it recover damages for breach of the contract in any manner stipulated hereunder:-

- (a) Recover from the vendor/contractor an agreed amount towards Price Reduction Schedule and not by way of penalty a sum equivalent to 1/2% (half percent) of the contract price of the whole unit per week for such delay or part thereof (this is a genuine pre-estimate of damages duly agreed by the parties) which the vendor/contractor has failed to deliver within the period fixed for delivery in the schedule, where delivery thereof is accepted after expiry of the aforesaid period.

It may be noted that such recovery of PRS may be up to 5% of the contract price / of the total quantity of items of materials / equipment which the contractor has failed to deliver within the period fixed for delivery; or

- (b) Purchase or authorize the purchase elsewhere on the account and at the risk of the contractor, of the materials not so delivered or others of a similar description, by serving prior notice to the contractor / supplier without cancelling the contract in respect of the installment not yet due for delivery;

or

- (c) Cancel the contract or a portion thereof by serving prior notice to the contractor and if so desired, purchase or authorize the purchase of the materials not so delivered or others of a similar description (where such materials exactly complying with particulars are not, in the opinion of the purchaser, which shall be final, readily procurable) at the risk and cost of the contractor. If the contractor had defaulted in the performance of the original contract, the purchaser shall have the right to ignore his tender for risk purchases even through the lowest. Where the contract is terminated at the risk and cost of the firm under the provisions of this clause, if shall be solely upto the purchaser to exercise his discretion to collect or not, the security deposit from the firm, on whom the contract is placed, at the risk and expense of the defaulting firm.

- (d) Where action is taken under sub-clause (b) or sub-clause(c) above, the contractor shall be liable for any loss which the purchaser may sustain on that account, provided the purchase or if there is an agreement to purchase, such agreement is made, in case of failure to deliver the materials within six months from the date of such failure and in case repudiation of the contract within six months from the date of cancellation of contract. The contractor shall not be entitled to any gain on such purchase and the manner and method of such purchase shall be at the entire discretion of the purchaser. It shall be necessary for the purchaser to give a notice of such purchase on the contractor.

- (e) It may further be noted that clause (a) above provides for recovery of PRS on the cost of contract price of delayed supplies (whole unit) at the rate of 1/2% (half per cent) of the contract price of the whole unit per week for such delay or part thereof upto a ceiling of 5% of the contract price of delayed supplies thus accrued will be recovered

by the paying authorities of the purchaser specified in the supply order, from the bill for payment of the cost of the material submitted by the vendor/contractor in accordance with terms of supply order, or otherwise.

- (f) Notwithstanding anything stated above equipment and materials will be deemed to have been delivered only when all its components, parts are also delivered. If certain components are not delivered in time the equipment and material will be considered as delayed until such time all the missing parts are also delivered.

24.0 General Conditions

- (i) When the materials are dispatched to the consignee intimation must also be given to this effect. Reference to the supply order should invariably be given in all the relevant correspondence.
- (ii) The tender is liable to be rejected in case the tender does not comply with tender stipulations or the goods, works and services offered do not conform to the required specifications indicated therein.
- (iii) Any other terms and conditions offered by the firm and not included in the order/contract, are not acceptable to BGL.



Procurement of non-sparking tools for Operational and Maintenance purpose for the Hyderabad, Vijayawada and Kakinada GA's

VOLUME II
OF II

Bid Document No. BGL/627/2024-25

SECTION – 8
TECHNICAL SPECIFICATION
FOR
Non-Sparkling tools for Bhagyanagar Gas Limited

SCOPE

1.1 This standard covers the general requirements for non-sparking tools.

2. MATERIAL

2.1 Non-sparking safety tools shall be manufactured from any suitable non-sparking material. The Chemical composition of one of such non sparking materials is given below.

Metal Type		Percent
Aluminum	-	8.5 to I@5
Iron	-	3.5 to 5.5
Nickel	-	4-5 to 6.5
Manganese	-	1*5, Max
Copper	-	Remainder

IS: 4595-1969

2.1.1 The Content of the impurities in the non-sparking materials the composition of which is indicated in 2.1 shall not exceed the limits given below:

Metal Type		Percent
Tin	:	0.10
Lead	:	0.05
Silicon	:	0.25
Magnesium	:	0.05

The Total content of impurities shall not exceed 0.30 percent.

2.19 The Material shall have a minimum ultimate tensile strength of 70 Kgf/mm.

3. HARDNESS

3.1 The working edges of non-sparking tools shall have a hardness value within the hardness range of 190 to 230 HV (see IS: 1810-1961*)

4. SHAPES AND SIZES:

4.1 The shapes, sizes and dimensions of various types of non-sparking hand tools shall be as specified in the relevant specifications.

5. WORKMANSHIP AND FINISH

5.1 The non-sparking safety hand tools shall be free from defects, such as fins, scales, cracks, seams, burrs, or any other defect which may adversely affect the proper functioning of the product. Flash lines shall be removed sufficiently to blend smoothly with adjacent surfaces.

6. MARKING

6.1 The tools shall be marked with manufacturer's name or trademark. The year of Manufacture shall also be stamped, if required by the purchaser.

6.1.1 The tools shall also be marked with the name, abbreviation or chemical symbol of the alloy used in the manufacture of the tool.

6.1.2 The tools may also be marked with the ISI certification Mark,

Note: The Use of the ISI Certification Mark is governed by the provisions of the Indian standards institutions (Certification Marks) Act, and the rules and Regulations made there under. Presence of this mark on products covered by an Indian standard conveys the assurance that they have been produced to comply with the requirements of that standard, under a well-defined system of inspection, testing and quality control during production. This system, which is devised and supervised by ISI and operated by the producer, has the further safeguard that the products as actually marketed are continuously checked by ISI for conformity to the standard. Details of Conditions, under which a license for the Use of the ISI Certification Mark may be granted to manufacturers or Processors, may be obtained from the Indian Standard Institution .

***Method for Vicker hardness test for light metals and their alloys.**

IS : 4595-1969

7. PACKING

7.1 The tools shall be suitably wrapped in paper and packed in cardboard cartons. The cartons shall be marked with designation, size of the tool and the manufacturer's name or trademark.

8. ACCEPTANCE

8.1 Unless otherwise agreed to between the supplier and the purchaser, the sampling plan and criteria for conformity as given in Appendix A shall be followed .

9. TESTS

9.1 Sparkling Test

9.1.1 Apparts- The sparkling test shall be conducted in an explosion chamber having a volume of 127.4 dms. The chamber shall be furnished with a hot plate for vaporizing gasoline, a mean of admitting gasoline and oxygen at atmospheric pressure, a fan for mixing the gasoline vapour and oxygen, two electrodes or other suitable means or providing electric spark, a **75mm diameter by 6mm thick metal wheel having coarsely knurled surface on the circumference and rotating at a speed of 10,000 revolutions** per minute and a fixture for holding the test specimen against the circumference of the metal wheel while applying pressure from the outside of the chamber. The metal wheel shall be made of carbon tool steel conforming to the T90 of IS : 1570-1961* with a maximum sulphur and phosphorous content of 0.025 percent each and heat treated to a hardness value of 700 to 820 HV (see IS : 1501-1959t) . The gasoline used during these tests shall be aviation gasoline conforming to grade 100/130 of IS : 1604-19602. An Oxygen analyzer shall be used to determine the percentage of Oxygen in the chamber.

9.1.2 Procedure-A test specimen approximately 6mm in diameter by 50mm in length shall be made from the material used in the manufacture of the tools and shall be subjected to the sparkling test. The specimen shall be mounted in the holder fixture and the chamber shall be sealed. Oxygen shall be admitted into the chamber until the oxygen content in the air reaches 50 percent. A pan resting on the hot plate shall then be filled in with 20 cnP of gasoline through an opening of the top of the chamber. The Opening shall be sealed and the fan turned on and the gasoline evaporated. After the gas is Completely evaporated, the fan shall be turned off and the specimen held against the rotating wheel with a

*** Schedule for Wrought stud for general engineering Purposes.**

Method for Vicker hardness test for steel.

Specification for aviation gasoline .

IS : 4595-1969

Force of 1-134 kgs. If No explosion occurs before 5 seconds, the mixture shall be exploded by means of the electric spark to demonstrate the presence of an explosive mixture. Three runs shall be made with the test specimen and if the specimen explodes the gasoline and oxygen-enriched air mixture during any of these runs, tool represented by the specimen tested shall be disapproved for use as a non-sparking tool.

9.2 Magnetic Permeability Test-

The magnetic permeability of the manufacturing material shall not exceed 1-02 and shall be determined by any suitable method.

Analysis of Non-sparking materials:

Material	Aluminum -Bronze					Copper -beryllium			
	Cu	Al	NI	Fe	Mn	Be	NI	Co	Cu
Analysis									
Min in %	Rest	9	2	1	-	1.5	0.1	0.1	Rest
Max.in %	Rest	12	6	4	1.8	2.0	0.6	0.6	Rest
Mechanical Properties									
Strength N/mm2	750-850					1140-1310			
Yield Point N/mm2	450-550					840-860			
Hardness Brinell	200/250					310/360			
Physical properties									
Specific Weight	8.45					8026			
Magnetic Properties	1.1					1.1			
Heat extension 20-200 deg C	0.000015%					0.000012%			
Electrical Conductivity	8/12					8/6			

SECTION 9

SCHEDULE OF RATES (SOR)



Procurement of non-sparking tools for Operational and Maintenance purpose for the Hyderabad, Vijayawada and Kakinada GA's

VOLUME II
OF II

Bid Document No. BGL/627/2024-25

Bhagyanagar Gas Limited											
Schedule Of Rate											
Subject: Procurement of non-sparking tools for Operational and Maintenance purpose for the Hyderabad, Vijayawada and Kakinada GA's											
Bid Document No: BGL/627/2024-25, Dated : 13.08.2024											
NAME OF THE BIDDER											
Sr.No	Tools Description	UOM	Hyd	Vja	Kkd	Oty	Unit Rate (Inclusive of P&F, Freight, Transit Insurance , etc but exclusive of GST)	Amount (Inclusive of P&F, Freight, Transit Insurance , etc but exclusive of GST)	GST %	GST Amount	Total Amount
						A	B	C=(B*A)	D	E=(D*C)	F=(C+E)
1	Pipe wrench 250 mm	Nos	2	2	2	6		0		0	0
2	Pipe wrench 350 mm	Nos	2	2	2	6		0		0	0
3	Pipe wrench 450 mm	Nos	2	2	2	6		0		0	0
4	Adjustable spanner 100 mm	Nos	2	2	2	6		0		0	0
5	Adjustable spanner 150 mm	Nos	2	2	2	6		0		0	0
6	Adjustable spanner 250 mm	Nos	2	2	2	6		0		0	0
7	Set of combination spanner 13/16" AF	Nos	1	1	1	3		0		0	0
8	Set of combination spanner 11/16" AF	Nos	1	1	1	3		0		0	0
9	Set Flat-headed Screw drives 10 pcs	Nos	1	1	1	3		0		0	0
10	Set Flat-headed Screw drives(50mm-300mm)	Nos	1	1	1	3		0		0	0
11	Hammer(5 kg)	Nos	1	1	1	3		0		0	0
12	Combination plier 150 mm	Nos	1	1	1	3		0		0	0
13	Files Flat 150 mm (Becu)	Nos	1	1	1	3		0		0	0
14	DE Open Spanner 6-7 mm	Nos	1	1	1	3		0		0	0
15	DE Open Spanner 8-9 mm	Nos	1	1	1	3		0		0	0

Sign & Seal of Bidder

16	DE Open Spanner 10-11mm	Nos	1	1	1	3		0		0	0
17	DE Open Spanner 12-13 mm	Nos	1	1	1	3		0		0	0
18	DE Open Spanner 14-15 mm	Nos	1	1	1	3		0		0	0
19	DE Open Spanner 16-17 mm	Nos	1	1	1	3		0		0	0
20	DE Open Spanner 18-19mm	Nos	1	1	1	3		0		0	0
21	DE Open Spanner 20-22 mm	Nos	1	1	1	3		0		0	0
22	DE Open Spanner 21-23 mm	Nos	1	1	1	3		0		0	0
23	DE Open Spanner 25-28 mm	Nos	1	1	1	3		0		0	0
24	DE Ring Spanner 6-7 mm	Nos	1	1	1	3		0		0	0
25	DE Ring Spanner 8-9 mm	Nos	1	1	1	3		0		0	0
26	DE Ring Spanner 10-11mm	Nos	1	1	1	3		0		0	0
27	DE Ring Spanner 12-13 mm	Nos	1	1	1	3		0		0	0
28	DE Ring Spanner 14-15 mm	Nos	1	1	1	3		0		0	0
29	DE Ring Spanner 16-17 mm	Nos	1	1	1	3		0		0	0
30	DE Ring Spanner 18-19mm	Nos	1	1	1	3		0		0	0
31	DE Ring Spanner 20-22 mm	Nos	1	1	1	3		0		0	0
32	DE Ring Spanner 21-23 mm	Nos	1	1	1	3		0		0	0
33	DE Ring Spanner 24-27 mm	Nos	1	1	1	3		0		0	0
34	Slogging ring spanner (36mm)	Nos	1	1	1	3		0		0	0
35	Slogging ring spanner (41mm)	Nos	1	1	1	3		0		0	0
36	Slogging ring spanner (46mm)	Nos	1	1	1	3		0		0	0
37	Allen Key Set 6mm to 12 mm	Nos	1	1	1	3		0		0	0
Grand Total Inclusive of all taxes and duties ,Freight and GST											0