

## A. Technical Specifications

SL. No	Description and Technical Specification of the item	QTY	UNIT	Delivery
Package I (Sl no. 1 & 2)				
1	<p>(LPG) Machine Cutting Torch Oxygen-Fuel Gas(LPG) Machine Cutting Torch as per Technical Annexure 1.</p> <p>One Oxygen-Fuel Gas (LPG) Machine Cutting Torch set means one Cutting torch including three flash back arrestors, three flow control valve and three Hose connectors.</p>	4	SET	60 DAYS
2	<p>(LPG) Machine Cutting Nozzle(Tip)</p> <p>Cutting nozzles (tips) are required for cutting mild steel material of all thicknesses ranging from 5 mm to 190 mm as per Technical Annexure 1.</p>	1400	NO	60 DAYS
Package II (Sl no. 3 & 4)				
3	<p>(ACETYLENE) Machine Cutting Torch Oxygen-Fuel Gas(ACETYLENE) Machine Cutting Torch as per Technical Annexure 2 Oxygen-Fuel Gas (ACETYLENE) One Oxygen-Fuel Gas (ACETYLENE) Machine Cutting Torch set means one Cutting torch including three flash back arrestors, three flow control valve and three Hose connectors.</p>	8	SET	60 DAYS
4	<p>(ACETYLENE) Machine Cutting Nozzle(Tip)</p> <p>Cutting nozzles(tips) are required for cutting mild steel material of all thicknesses ranging from 5 mm to 300 mm as per Technical Annexure 2 Oxygen-Fuel Gas (ACETYLENE).</p>	2,000.00	NO	60 DAYS

Technical Annexure 1

Sl. No.	Technical Specification	Bidder confirmation
1.0	Oxygen-Fuel Gas (LPG) Machine Cutting Torch – 4 sets.	
1.1	One Oxygen-Fuel Gas (LPG) Machine Cutting Torch <b><u>set means</u></b> one Cutting torch including three flash back arrestors, three flow control valve and three Hose connectors.	
1.2	Quoted Oxygen-Fuel Gas (LPG) Cutting Torch is suitable for <b><u>CNC PROFILE CUTTING Machine</u></b> and all three gas inlets shall be parallel to torch body.	
1.3	Oxygen-Fuel Gas (LPG) Cutting Torch shall have three inlets and without rack.	
1.4	Oxygen-Fuel Gas (LPG) Cutting Torch shall have flash back arrestor for each inlet.	
1.5	Oxygen –Fuel Gas (LPG) Cutting torch shall have manual flow control knob/valve for all three inlets.	
1.6	Oxygen-Fuel Gas (LPG) Machine Cutting Torch. Torch Type - Injector or Nozzle Mixing Type. Kindy mention Torch type.	
1.7	Cutting Torch shall be suitable for plate Thickness From 5 mm to 190 mm (mild steel). Kindly provide the Quoted Cutting Torch Cut capacity.	
1.8	Range of Barrel Diameter shall be 30 mm to 34 mm to fix the torch on the machine. Kindly provide the Barrel Diameter in mm. Note: Fuel pipe / Oxygen Pipe/ mixed gas pipe (in the torch ) should be covered.	
1.9	Torch Barrel shall have uniform diameter.	

Technical Annexure 1

Sl.No.	Technical Specification	Bidder confirmation
1.10	Cutting Torch Barrel length (6 inches to 18 inches). Kindly provide the barrel length.	
1.11	Kindly provide the quoted Torch length (including Cutting Nozzle).	
1.12	Kindly provide the Torch catalogue or Manual.	
1.13	Torch Brand	
1.14	Torch Model	
1.15	Guarantee for manufacturing defect shall be for a minimum period of twelve months from the date of material acceptance at BHEL Works.	

Sl.No.	Technical Specification	Bidder confirmation
1.17	<p>Cutting nozzles( tips) are required for <b>cutting mild steel material</b> of all thicknesses ranging from <b><u>5 mm to 190 mm</u></b>. Total quantity of cutting nozzle required is <b>1400 numbers</b>.</p> <p>Bidder to list down the type of nozzle tips offered to meet the above cutting range with data sheets.</p>	
1.18	<ul style="list-style-type: none"> <li>• Starting/First/Initial 3 types of cutting nozzle (as per the supplier recommendation) to meet the cutting requirement of the <u>lower thickness range (from 5 mm)</u> – Each 250 numbers (Total 750 nos. to be supplied).</li> <li>• Balance other types of cutting nozzle tips (as per the supplier recommendation) to meet the cutting requirement of the middle and upper cutting range – Totally 650 nos. to be supplied and shall comprise of equal distribution of all the balance nozzle . In case the quantity of 650 nos. is not divisible equally then the indivisible quantity shall be distributed on the highest size nozzle.</li> <li>• <b>For better understanding an example is given below.</b>  Bidder have cutting nozzle A (<u>5 mm</u> to 6 mm), B(6mm-12mm), C(12mm-75mm), D (75mm-100 mm), E (100mm -150mm), F (150 mm-190 mm) for <u>5 to 190</u> mm thickness.  Then quantity details:  1- Cutting nozzle A- 250 Numbers.  2- Cutting nozzle B- 250 Numbers.  3- Cutting nozzle C- 250 Numbers.  4- Cutting nozzle D =650/ (3) =216.6666667 = 216 numbers.  5- Cutting nozzle E =650/ (3) =216.6666667 =216 Numbers  6- Cutting nozzle F= Balance =650-216 -216 =218 numbers.</li> </ul>	

Technical Annexure 2 Oxygen-Fuel Gas (ACETYLENE)

Sl. No.	Technical Specification	Bidder confirmation
1.0	Oxygen-Fuel Gas (ACETYLENE) Machine Cutting Torch – 8 sets.	
1.1	One Oxygen-Fuel Gas (ACETYLENE) Machine Cutting Torch <b>set means</b> one Cutting torch including three flash back arrestors, three flow control valve and three Hose connectors.	
1.2	Quoted Oxygen-Fuel Gas (ACETYLENE) Cutting Torch is suitable for <b>CNC PROFILE CUTTING Machine</b> and all three gas inlets shall be parallel to torch body.	
1.3	Oxygen-Fuel Gas (ACETYLENE) Cutting Torch shall have three inlets and without rack.	
1.4	Oxygen-Fuel Gas (ACETYLENE) Cutting Torch shall have flash back arrestor for each inlet.	
1.5	Oxygen –Fuel Gas (ACETYLENE) Cutting torch shall have manual flow control knob/valve for all three inlets.	
1.6	Oxygen-Fuel Gas (ACETYLENE) Machine Cutting Torch. Torch Type - Injector or Nozzle Mixing Type. Kindy mention Torch type.	
1.7	Cutting Torch shall be suitable for plate Thickness from 5 mm to 300 mm (mild steel). Kindly provide the Quoted Cutting Torch Cut capacity.	
1.8	Range of Barrel Diameter shall be 30 mm to 34 mm to fix the torch on the machine. Kindly provide the Barrel Diameter in mm. Note: Fuel pipe /Oxygen Pipe/mixed gas pipe (in the torch ) should be covered.	
1.9	Torch Barrel shall have uniform diameter.	

Technical Annexure 2 Oxygen-Fuel Gas (ACETYLENE)

Sl.No.	Technical Specification	Bidder confirmation
1.10	Cutting Torch Barrel length (6 inches to 18 inches). Kindly provide the barrel length.	
1.11	Kindly provide the quoted Torch length (including Cutting Nozzle).	
1.12	Kindly provide the Torch catalogue or Manual.	
1.13	Torch Brand	
1.14	Torch Model	
1.15	Guarantee for manufacturing defect shall be for a minimum period of twelve months from the date of material acceptance at BHEL Works.	

Technical Annexure 2 Oxygen-Fuel Gas (ACETYLENE)

Sl.No.	Technical Specification	Bidder confirmation
1.17	<p>Cutting nozzles (tips) are required for <b>cutting mild steel material</b> of all thicknesses ranging from <b>5 mm to 300 mm</b>. Total quantity of cutting nozzle (tip) required is <b>2000 numbers</b>.</p> <p>Bidder to list down the type of nozzles( tips) offered to meet the above cutting range with data sheets.</p>	
1.18	<ul style="list-style-type: none"> <li>• Starting/First/Initial 3 types of cutting nozzles (as per the supplier recommendation) to meet the cutting requirement of the <u>lower thickness range (from 5 mm)</u> – Each 400 numbers (Total 1200 nos. to be supplied).</li> <li>• Balance other types of cutting nozzle (as per the supplier recommendation) to meet the cutting requirement of the middle and upper cutting range – Totally 800 nos. to be supplied and shall comprise of equal distribution of all the balance nozzle tips. In case the quantity of 800 nos. is not divisible equally then the indivisible quantity shall be distributed on the highest size nozzle( tip).</li> </ul>	

Pre-Qualification Criteria		
S. No.	DESCRIPTION	VENDOR'S RESPONSE
1	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect / incomplete, the offer shall be rejected.	
2	Bidder is Cutting Torch manufacturer (reply in Yes or No)	
3	Bidder (other than Cutting Torch Manufacturer) shall enclose authorisation letter from Principal Supplier.	
4	Torch Catalogue to be provided.	
5	The BIDDER / OEM should furnish Customers list (latest supply) where such gas cutting machines /cutting torches have been supplied in the past. The reference list should have complete address and contact details of contact person along with the Model and quantity supplied.	

**Annexure – A- Additional Terms and Conditions for GeM Enquiry**

The terms and condition mentioned in this document are applicable in addition to the GeM General Terms and Conditions. Bidders shall furnish pointwise confirmation/details.

<i>To be filled by bidder</i>		
<b>Description of the Equipment:</b>		
<b>GeM Tender No. &amp; Date</b>		
<b>Name of the firm (Bidder)</b>		:
<b>Address</b>		:
<b>Contact person 1</b>		<b>Contact person 2</b>
<b>Name:</b>		<b>Name:</b>
<b>Designation:</b>		<b>Designation:</b>
<b>Office Phone:</b>		<b>Office Phone:</b>
<b>Mobile:</b>		<b>Mobile:</b>
<b>e-mail:</b>		<b>e-mail:</b>
<b>Offer/Quotation reference with date</b>		:
Sl	Terms and conditions	Vendor's confirmation
1.	Inspection by BHEL/as per Technical specification(if any).	
2.	<p><b>Payment terms:</b></p> <ol style="list-style-type: none"> <li>1. Payment terms for Non MSME Suppliers: Within 90 days after CRAC</li> <li>2. Payment terms for Micro &amp; Small Enterprises (MSEs): Within 45 days after CRAC. The supplier should upload UDYAM Registration Certificate in proof of MSE.</li> <li>3. Payment terms for Medium Enterprises: Within 60 days after CRAC. The supplier should upload UDYAM Registration Certificate in proof of Medium Enterprises.</li> </ol> <p><b>Note:</b> Deviation in above payment terms is not acceptable. In case of Auto PRC/CRAC, Payment due date shall be calculated from CRAC date or material acceptance date by BHEL whichever is later.</p>	
3.	Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration number which should clearly mentioned in the offer. Indicate the GST registration number. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.	GST Registration No. _____
4.	<b>Performance Bank Guarantee:</b> Not Applicable	
5.	Kindly Indicate the HSN Code for all items	HSN CODE : _____
6.	Rate quoted in GeM portal should be on FOR destination basis inclusive of all taxes, P&F, freight etc. Transit Insurance is under Supplier scope.  Please indicate how much GST percentage is included in quoted price.	GST in %: _____

Vendor's Seal & Signature

## / On Bidder's office letter pad /

Self-Declaration

Enquiry No.	
Enquiry Date	

In line with Government public procurement order Number P-45021/2/2017-B.E-II dated 15.06.2017, and further modified order dt. 28.05.2018, 29.05.2019 & order 04.06.2020 issued by DPIIT

I / We hereby declare that I / We are a "Local Supplier" meeting the requirement of minimum local content (..... %) defined in the above government notification for the goods against above mentioned enquiry Number.

Details of location at which local value addition will be made is as follows:

Door No.	
Street / Address 1	
Street / Address 2	
District	
State	
Country	
PIN Code	

We also understand that the false declarations will be in breach of the code of Integrity under rule 175(1)(i)(h) of the General financial rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

For Company Name:

Seal:

Signature:

Date:

Place:

**Note:**

" Local Content "means the amount of value added in India which shall ,unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured(excluding net domestic indirect taxes) minus the value of imported content in the item(including all customs duties) as a proportion of the total value, in percent. "Local Supplier "means a supplier or service provider whose product or service offered for procurement meets the minimum local content.

# The above declaration shall be submitted mandatorily along with the offer in company letter head with seal & signature.

(Please fill all the yellow color field)