

**Scope of Supply & Work for Renovation of Plasma Stellite Machine**  
**Plan No. 7-106, Block-3, at BHEL, HEEP, Hardwar**

**A. Scope of supply:**

Sl. No.	Description	Required	Compliance (Yes/No)	Remarks
<b>1.</b>	<b><u>PTA Torch (Column mounted) :</u></b>			
<b>1.1.</b>	<b><u>External PTA Torch</u></b> : Suitable water cooled heavy duty Plasma welding torch for power stelliteing of following specification	<b>01 No.</b>		
i)	PTA current capacity : 250 Amps @ 100% duty cycle.	Vendor to confirm		
ii)	Pilot Arc Current : 40 Amps	Vendor to specify		
iii)	Deposition rate: 0.5 to 5.0 Kg per hour of Stellite 6/12 Powder	Vendor to confirm		
iv)	Nozzle size: (4 to 6mm approx)	Vendor to specify		
v)	Working gas consumption Plasma: 0.5 - 2 lpm, Shield : 2.0 - 10 lpm	-do-		
vi)	Cooling water flow: 2 – 10 lpm	-do-		
<b>1.2.</b>	<b><u>Internal PTA Torch</u></b> : Suitable water cooled heavy duty Plasma welding torch for stelliteing inside Rings of minimum 170 mm diameter of following specification	<b>01 No.</b>		
i)	PTA current capacity : 200amps @ 100% duty cycle.	Vendor to confirm		
ii)	Pilot Arc Current : 30 Amps	Vendor to specify		
iii)	Deposition rate : 0.5 to 2.0 Kg per hour of Stelite 6/12 Powder	Vendor to confirm		
iv)	Nozzle size : 3 mm	Vendor to specify		
v)	Gas consumption : (a) Plasma : 0.5-2 lpm (b) Shield : 2- 10 lpm	-do-		
vi)	Cooling water flow : 2 – 10 lpm	-do-		

Sl. No.	Description	Required	Compliance (Yes/No)	Remarks
2.	<b>PTA Welding Power Source : Main Power Source and Pilot arc current with following features:</b>	01 Set		
2.1	<b>Main Power Source</b> : Inverter based Power source for supplying main transferred arc current of following specification	01 No.		
i)	Rating : 30-440 Amps , 100% duty at 250Amp, 60% duty at 400Amp	Vendor to confirm		
ii)	Control Type : Analogue	-do-		
2.2	<b>Pilot Power Source</b> : Inverter based Powder source for supplying pilot transferred arc current of following specification	01 No.		
i)	Rating : 20- 100 Amps	Vendor to confirm		
ii)	Control Type : Analogue	-do-		
3.	<b>Gas Supply Unit :</b>	01 No.		
	The gas supply unit with indicators shall be provided for plasma gas, power feeding gas and shielding gas. The gas flow shall be electronically/manually adjustable.	Vendor to confirm		
4.	<b>Ignition Unit :</b>	01 No.		
	High frequency arc ignition unit complete with gas, water, power controls and torch connections	Vendor to confirm		
5.	<b>Powder Feeding System (Column Mounted)</b> : Rotating disc positive displacement type capable of adjusting powder feed rate automatically during up-slope & down-slope time of welding current of following specification	01 No.		
i)	Powder Feed Rate : 0.5 to 5 kg per hour	Vendor to confirm		
ii)	Powder size: 50-210 microns	-do-		
iii)	Powder container capacity: 20Kgs	-do-		
iv)	Form of powder particles: Spherical, gas atomized (stellite 6/12) PTA grade only.	-do-		
v)	Control : Manual as well as automatic	-do-		

Sl. No.	Description	Required	Compliance (Yes/No)	Remarks
6.	<b>Water Chiller cum Re-circulator</b> : Water chiller cum re-circulator with built-in compressor & pump of suitable rating of following specification	01 No.		
i)	Stainless Steel tank with 50 liters capacity	Vendor to confirm		
ii)	Temp of outlet water – 3to 25C (adjustable)	-do-		
iii)	Delivery – 1 to 10 lpm (adjustable)	-do-		
iv)	Digital temperature indicator for outlet water.	-do-		
v)	Pressure	Vendor to specify		
7.	<b>Column and Carriage system:</b> Suitable Column & carriage system with Torch assembly of following features & specifications shall be supplied. Torch assembly shall carry PTA torch manifold with torch, powder feeder and mechanical torch oscillation device ( Suggestive System is as per attached drawing no. WEX/MCR/PTA/01 )	1 Set		
7.1	<b>Traverse of Column along the Carriage (X axis – Horiz. Axis)</b>			
i)	Control : Motorized with AC servomotor & Drive control for adjusting the position of the torch in line of the axis of the job.	Vendor to confirm		
ii)	Traverse : 3000 mm	-do-		
iv)	Speed	Vendor to specify		
v)	Operation : Continuous as well as inching slow & quick in both direction	Vendor to confirm		
vi)	Traverse end limit switches for both ends	-do-		
7.2	<b>Torch assembly Traverse along Column (Y axis – Vert. Axis)</b>			
i)	Motorized with AC servomotor & Drive control for adjusting the height of the torch assembly	Vendor to confirm		
ii)	Traverse : 2000 mm	-do-		
iv)	Speed	Vendor to specify		
v)	Operation : Continuous as well as inching slow & quick in both direction	Vendor to confirm		
vi)	Traverse end limit switches for both ends	-do-		

Sl. No.	Description	Required	Compliance (Yes/No)	Remarks
<b>7.3</b>	<b>Torch Adjustment across the job (Z axis - Transverse Axis)</b>			
(i)	Traverse : 50-0-50 mm manually by handle / handwheel from the centre of job	Vendor to confirm		
<b>8.</b>	<b><u>Mechanical Torch Oscillation system</u></b> : Mounting bracket suitable for both external and internal PTA torch along with automatic torch oscillation system of following specifications	<b>1 Set</b>		
i)	Vertical Adjustment : 0-50 mm manual	Vendor to confirm		
ii)	Oscillation - Perpendicular to mounted axes through motor drive	-do-		
ii)	Oscillation width (U- axis) : 2 -100 mm (adjustable)	-do-		
iii)	Oscillation speed : 0-3000 mm/min (adjustable)	-do-		
iv)	Dwell time left/right : 0 – 30 sec	-do-		
<b>9.</b>	<b>Retrofitting of Existing Welding Manipulator (Lathe) and Positioner (Turntable) :</b>			
<b>9.1</b>	The existing <b>Welding manipulator (Lathe)</b> shall be retrofitted with suitable AC motor & drive system to replace existing dc motor (0.26 kW, 190 volts, 1.6 Amp & 3000 rpm)	Vendor to confirm		
i)	New AC motor with VFD Drive of suitable rating of Siemens / ABB make.	Vendor to specify		
ii)	Minimum required Speed of Rotation : 0.02 rpm	Vendor to confirm		
iii)	Control through a 10 turn potentiometer of Bourns make for continuous as well as inch slow & quick speed in both direction	-do-		
<b>9.2</b>	The existing <b>Turntable (Positioner)</b> shall be retrofitted with suitable AC motor & drive system to replace existing dc motor with gearbox (100 lbft, 230 volts, 2.4 amp, 2000/5.72 rpm)	-do-		
i)	New AC motor with VFD Drive of suitable rating of Siemens / ABB make.	Vendor to specify		
ii)	Minimum required speed of Rotation : 0.01 rpm	Vendor to confirm		
iii)	Control through a 10 turn POT of Bourns make for continuous as well as inch slow & quick speed in both direction	-do-		

(Signature of Vendor/Contractor)

Sl. No.	Description	Required	Compliance (Yes/No)	Remarks
10.	<b><u>Control System</u></b> : Control system shall have all electrical & electronic controls & displays required for smooth operation of the system and capable to operate entire equipment including welding cycle, powder feeding system, gas flow rates, torch oscillations and all axis movements with following features	Vendor to confirm		
i)	Plasma gas flow meter	-do-		
ii)	Shielding gas flow meter	-do-		
iii)	Powder gas flow meter	-do-		
iv)	Gas test switch	-do-		
v)	Powder test switch	-do-		
vi)	HF test switch	-do-		
vii)	Water fail indicator with interlock	-do-		
viii)	Gas fail indicator with interlock	-do-		
ix)	Digital voltmeter	-do-		
x)	Digital ammeter	-do-		
xi)	Torch Manifold	-do-		
xii)	Emergency Stop	-do-		
11.	<b><u>Operator Panel</u></b> : Fixed / Swivel type operator's panel having complete machine control system shall be provided on the operator's platform with following features	Vendor to confirm		
11.1	The operator panel shall be used for presetting welding parameters. Preset parameters & actual welding parameters shall be digitally displayed.	-do-		
11.2	It should be possible to manually set the following parameters at the operator's panel	-do-		
i)	Weld start/Stop	-do-		
ii)	Pre-flow /Post flow /Flow during welding for pilot gas, powder transport gas & shielding gas	-do-		
iii)	Pilot arc current	-do-		
iv)	Transfer arc current	-do-		
v)	Arc voltage	-do-		

Sl. No.	Description	Required	Compliance (Yes/No)	Remarks
vi)	Upslope / downslope of welding current	-do-		
vii)	Powder feed start delay time	-do-		
viii)	Upslope / downslope of powder feed rate	-do-		
ix)	Powder feed rate ( kg/hr)	-do-		
x)	Oscillator keyboard for oscillator parameter entry & display	-do-		
xi)	Dwell left / right	-do-		
xii)	Column Travel Left / Right – Speed control continuous as well as inch slow & quick movement	-do-		
xiii)	Torch assembly Up / Down – Speed control continuous as well as inch slow & quick movement			
xiv)	Manipulator(Lathe) rotation control - Speed control continuous as well as inch slow & quick movement	-do-		
xv)	Turntable (Positioner) control - Speed control continuous as well as inch slow & quick movement	-do-		
xvi)	Chiller unit control	-do-		
<b>12.</b>	<b>Remote Operator Panel :</b> The remote control console fixed with Column so as to move along with column shall have the following controls.	Vendor to confirm		
i)	Emergency Stop	-do-		
ii)	Weld start /Stop	-do-		
iii)	Welding current setting & digital/analog display	-do-		
iv)	Manipulator (Lathe) rotation control- Speed control continuous as well as inch slow & quick movement	-do-		
v)	Turntable (Positioner) rotation control - Speed control continuous as well as inch slow & quick movement	-do-		
vi)	Column movement control - Speed control continuous as well as inch slow & quick movement	-do-		
vii)	Torch assembly - Speed control continuous as well as inch slow & quick movement			
viii)	Powder feed setting & digital display of feed rate	-do-		
ix)	Torch Oscillation controls (speed, dwell time & displays)	-do-		

(Signature of Vendor/Contractor)

<b>B.</b>	<b><u>Scope of Work:</u></b>		<b>Compliance (Yes/No)</b>	<b>Remarks</b>
1.	Dismantling of old system			
2.	Fitting of supplied components & parts			
3.	Installation and commissioning of all supplied components			
4.	Demonstration of functioning of complete system and job prove out			
<b>C.</b>	<b><u>Documents:</u></b>	<b>Qty.</b>		
	Following documents shall be supplied:			
1.	Operations manual in hard copies.	<b>3 Sets</b>		
2.	Maintenance manuals in hard copies. This manuals shall include the following:	<b>3 Sets</b>		
i)	Mechanical assembly drawings showing part numbers.			
ii)	Electrical Schematic			
iii)	Electronic circuit diagrams			
iv)	List of all spares parts with part numbers.			
v)	Details / List of all bought out items with name and addresses of their manufacturers.			
vi)	Maintenance & Service documentation, finalized parameter list of all Electronic units including Drives on CD/DVD also.			
vii)	Instructions for back-up, restoration & re-commissioning of software & parameters of all electronic units on the machine including drives.			
3.	Licensed copy of software for commissioning/ backup & restoration of Drives and electronic units used on the machines along with their communication cables.	<b>1 Set</b>		
<b>D.</b>	<b><u>Spares :</u></b>	<b>Qty.</b>		
	<b>Party shall quote for the following spares separately</b>			
1.	Powder deliver hose pipe	<b>2 Nos.</b>		
2.	Current cable	<b>2 Nos.</b>		
3.	Pilot current cable	<b>2 Nos.</b>		
4.	Gas pipes	<b>1 Set</b>		

			Compliance (Yes/No)	Remarks
5.	Water supply pipes to torch (with connectors)	1 Set		
6.	Nozzles for OD Torch	20 Nos.		
7.	Nozzles for ID Torch	10 Nos.		
8.	Electrodes for OD Torch	20 Nos.		
9.	Electrodes for ID Torch	10 Nos.		
10.	All types of O Rings used in the ID and OD Torch	50 Nos. of each type		
11.	OD Torch components used in the torch in assembled condition	1 Set		
12.	ID Torch components used in the torch in assembled condition	1 Set		
13.	Drives for ac servomotor	1 no. of each type		
14.	AC servomotors	1 no. of each type		
15.	Digital indicator/digital display/setting devices	1 no. of each type		
16.	All type of Electronic PCBs used	1 no. of each type		
<b>E. <u>Acceptance Criteria:</u></b>				
1.	Acceptance shall be at BHEL, Hardwar after successful commissioning of all supplied components and job prove out			
2.	Party shall prove out the supplied torches for entire current range and welding capability.			
<b>F. <u>Job Prove Out :</u></b>				
Following type of jobs are to be proved out – One no. each				
1.	<b>With OD Torch</b>			
i)	Plate 40 mm thick			
ii)	Spindles valve, 1000mm length, dia. 38mm with 2-3 mm/pass and 10-30mm bead width			
iii)	Spindles valve, 1200mm length, dia. 68mm with 2-3 mm/pass and 10-30mm bead width.			

		Compliance (Yes/No)	Remarks
2.	<b>With ID Torch</b>		
i)	Plate 40mm thick		
ii)	Angle Ring ID 170mm, with 2-3mm/pass and 10-30 mm bead width.		
<b>G.</b>	<b><u>Accuracies:</u></b>		
	<b>Following accuracies of supplied components are requires</b>		
1.	Lathe, Positioner, Column and Carriage controls : $\pm 5\%$		
2.	Current Voltage, Gas Flow : $\pm 1\%$		
<b>H.</b>	<b><u>Warranty:</u></b>		
1.	Party shall provide a warranty for one year from the date of successful commissioning and acceptance of the supplied system at BHEL, HEEP, Hardwar for all supplied parts and all services rendered.		
<b>I.</b>	<b><u>Delivery:</u></b>		
1.	<b><u>Delivery Period</u></b> : Party shall supply all the material within 6 month from the date of placement of work order		
2.	<b><u>Commissioning Period</u></b> : Vendor shall intimate the total downtime of the machine required to complete all the works as specified in the scope of work. However, total down time shall not exceed 30 days.		
<b>J.</b>	<b><u>Party's obligation:</u></b>		
1.	Vendors are advised to visit the site / machine before giving the offer to asses the actual site conditions.		
2.	Any Material not specified in scope of supply but required at the time of erection & commissioning, to complete the job, shall be provided by the vendor free of charge and obligation.		
3.	Party shall bring all required power and hand tools and testing equipment with them during erection and commissioning.		

		<b>Compliance (Yes/No)</b>	<b>Remarks</b>
<b>K.</b>	<b><u>BHEL's obligations:</u></b>		
1.	Electricity, water, arc / tig welding set, Gas cutting equipment , Gases and holders shall be provided free of cost. All Welding rods shall be party's responsibility. All manpower for welding shall be party's responsibility.		
2	Crane facility and lifting tackles like slings, rope, D-Shackles shall be provided free of cost.		
3.	All machining facility, subject to the extent available in BHEL, shall be provided free of cost		
4.	All civil work shall be executed free of cost subject to prior intimation and civil drawing submission from party.		
5.	Jobs, powder, gases, 3ph. 415VAC 50Hz power supply with fuse unit shall be provided free of cost.		
<b>L.</b>	<b><u>Training :</u></b>		
1.	Party should provide training to BHEL operation and maintenance staff for at least 3 days for the operation and maintenance of the supplied system, at BHEL, Hardwar.		
<b>M.</b>	<b><u>Late Delivery (LD) clause:-</u></b>		
1.	LD @ ½% per week subject to a max. of 5% of the order value shall be applicable for delay in deliveries. Vendor should intimate regarding PDI 7 days in advance only. The time period from invitation date for Pre dispatch inspection from vendor to the date of arrival of Pre Dispatch Team to vendor's works and any other reasons attributed to BHEL will not be accounted for in delivery period. This period will be excluded for the purpose of calculating Late delivery.		
2	Late delivery @ 2% per week subject to a max. of 10% of the Commissioning Charges shall be applicable for delay beyond scheduled commissioning date (which will be 10 weeks from date of release of machine for work) for reasons attributed to the party. Net delay for the purpose of calculating liquidity damages will be considered as the delay in commissioning.		

		Compliance (Yes/No)	Remarks
<b>N.</b>	<b><u>Pre-Dispatch Inspection</u></b>		
1.	Pre-dispatch inspection of all the items covered under Scope of Supply at para (A) shall be carried out by BHEL at party's works.		
2.	Supplier shall invite BHEL for carrying out pre- inspection.		
3.	Deputed BHEL persons shall do pre acceptance at vendor works and give despatch clearance.		
4.	Expenses of Boarding and lodging of BHEL personnel during PDI shall be borne by BHEL.		
<b>O.</b>	<b><u>Submission of Bill Of Material (BOM)</u></b>		
	Before inviting BHEL for Pre-dispatch inspection, vendor shall submit to BHEL the Bill of Material (BOM) for scrutiny.		
<b>P.</b>	<b><u>Earnest Money Deposit ( EMD):</u></b>		
1.	Vendors have to deposit ₹ 1,50,000 as the EMD. EMD may be deposited in cash, through pay order in favor of BHEL, Hardwar or through demand draft only.		
2.	EMD shall be converted to security deposit if the work is awarded.		
3.	EMD of unsuccessful bidders shall be refunded back normally within fifteen days of acceptance of award of work by the successful bidder.		
4.	EMD shall not carry any interest.		
5.	EMD by bidder will be forfeited as per tender document, if		
i)	After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates		
ii)	The tenderer does not commence the work within the period as per LOI/contract.		
<b>Q.</b>	<b><u>Security Deposit (SD):-</u></b>		
1.	Successful vendor shall deposit security. The rate of security deposit will be as below:		
	<ul style="list-style-type: none"> <li>• For work Up to ₹ 10 Lakhs : <u>10% of work order value</u></li> <li>• Above ₹ 10 Lakhs upto ₹ 50 Lakhs : <u>₹ 1 Lakh + 7.5% amount exceeding ₹ 10 Lakhs</u></li> <li>• Above ₹ 50 Lakhs: ₹ 4 Lakhs + 5% amount exceeding ₹ 50 Lakhs</li> </ul>		

		<b>Compliance (Yes/No)</b>	<b>Remarks</b>
<b>2.</b>	The security deposit should be submitted before the start of work in the following forms:		
	i) Cash (As permissible under the Income Tax Act)		
	ii) Pay Order, Demand Draft in favour of BHEL, Hardwar		
	iii) Local cheques of Scheduled Banks, subject to realization.		
	iv) Bank Guarantee from Scheduled Banks/Public Financial Institution as defined in the companies Act. The Bank guarantee format should have the approval of BHEL.		
<b>3.</b>	Security Deposit shall not carry any interest.		
<b>4.</b>	EMD of successful tenderer can be converted and adjusted against the Security Deposit.		
<b>5.</b>	100% of the Security Deposit amount shall be refunded to the vendor after post commissioning successful running of the machine for one month. <b>SD shall be released after the submission of Performance Bank Guarantee(PBG) by the vendor</b>		
<b>R.</b>	<b><u>Performance Bank Guarantee (PBG):</u></b>		
<b>1.</b>	Vendor shall be required to submit a performance bank guarantee(PBG) for 10% of the total work order value which shall be valid for a period of 12 months from the date of commissioning.		
<b>2.</b>	The PBG shall be submitted on a non-judicial stamp paper of value not less than Rs.80/- issued by any one of the nationalised banks.		
<b>S.</b>	<b><u>Payment Terms:</u></b> <b>(Note : No advance payment shall be made to the vendor.)</b>		
<b>1.</b>	Part payment will be made after completion of following milestones		
<b>i)</b>	First payment of 80% of material cost along with 100% taxes & duties shall be payable after acceptance of material at BHEL		
<b>ii)</b>	Final payment of balance 20% of material cost, 100% of commissioning cost and refund of 100% of the Security Deposit amount will be made after post commissioning successful running of the machine for one month, subjected to submission of PBG as per para 'R'		
<b>2.</b>	All the payments shall be made through e-payment after submission of following documents along with first bill		

		Compliance (Yes/No)	Remarks
i)	E-payment form duly filled (Form will be provided by BHEL)		
ii)	Income tax exemption letter( if applicable)		
3.	Excise duty & CST/VAT will be paid on material cost and service tax will be paid on commissioning charges at actual. Related original documents to be submitted for availing MODVAT credit by BHEL.		
<b>T.</b>	<b><u>Risk Purchase Clause</u></b> : In case of delays in supplies / defective supplies or non-fulfilment of any other terms & conditions given in the work order the purchaser may cancel the work order in full or part thereof and may also make the purchase of the material / service from elsewhere / alternative source at the risk and cost of supplier. Vendor does not agree to above clause, their offer is liable to be rejected. In case any vendor accepts risk purchase clause initially and subsequently declines to honour the term in the eventuality of RISK PURCHASE, they may be banned for business with BHEL.		
<b>U.</b>	<b><u>QUALIFYING CONDITIONS</u></b>		
1.	The average annual turnover during the last three years ending March 31 <sup>st</sup> 2011 should be at least ₹ 20 Lac. Audited balance sheets for the last three years should be submitted. If audited balance sheet for 2011-12 is available, the same can also be considered.		
2.	Banker's Solvency certificate from any nationalized / scheduled bank valid on the date of opening of tender.		
3.	The Vendor must have manufactured / renovated / retrofitted plasma stelling machine during last seven years ending 31 <sup>st</sup> Mar'2012 and should be either of the following similar works: <b>a). Three works</b> costing not less than ₹ 26 Lacs OR <b>b). Two works</b> costing not less than ₹ 32 Lacs OR <b>c). One work</b> costing not less than ₹ 51 Lacs. The above machines should be running satisfactorily for at least 6 months as on 31.03.2012. Vendor to provide <b>P.O. copies and satisfactory commissioning certificates</b> for satisfactory operation of the above works along with name, address & contact details of their customer. BHEL reserves the right to verify the information provided.		

		<b>Compliance (Yes/No)</b>	<b>Remarks</b>
4.	Similar works shall mean supply & manufacturing / retrofitting of Plasma Stelling equipment / Plasma Transferred Arc equipment.		
<b>V</b>	<b><u>GENERAL CONDITIONS:</u></b>		
1	A point wise compliance statement shall be submitted by the party with reference to the above scope of supply against each clause/ sub-clause with relevant details & comments. Non-compliance to any of the clauses & quoting inadequate quantity can lead to dis-qualification of the offer.		
2	The Vendor is advised to inspect the machine & collect all the relevant details required for successful completion of the work.		
3	The proposed electrical schematic & Bill of Material for the machine shall be provided by the vendor prior to pre dispatch inspection.		
4	Complete specifications such as part no./Model/Type, power, torque, Rated and maximum RPMs, Rated and maximum currents of the motor and drive controllers shall be stated in the offer by the party. Ordering brochure/catalogue should be attached.		
5	Vendor must quote the quantity exactly as per the Scope of supply. No reduction in quantity as per the above Scope of supply is permissible.		
6	Vendor must quote the Spare parts individually priced along with the offer otherwise the offer will be rejected.		
7	The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site <a href="http://www.bhel.com">www.bhel.com</a>		
8	<b>The award of works will be made on the basis of the total of material cost (including spare parts) &amp; commissioning charges</b>		
9	The Vendor should submit their best price at this stage itself and they will not be allowed to revise the price. Any revision / discount given by the vendor subsequently will be ignored.		
10	Check List as per Annexure 'C' must be enclosed with techno-commercial bid		
<b>W.</b>	<b><u>OFFER :-</u></b> The offer should be submitted in two parts and in following manner.		
<b>1.</b>	<b><u>Techno-commercial Bid :</u></b>		
i)	The envelop shall contain the Techno-commercial Bid ( <b><u>ANNEXURE 'A'</u></b> ) with technical details and commercial terms & conditions along with relevant documents like copies of ESI, PF code, PAN No., Service Tax Regn. No., TIN No., CST No., Experience Certificates, Audited Balance Sheet of last 3 years, <b>EMD</b> and Check List as per <b><u>ANNEXURE 'C'</u></b>		

		<b>Compliance (Yes/No)</b>	<b>Remarks</b>
ii)	The envelop shall be super scribed with "Techno-Commercial Bid", Name of work & NIT No.		
iii)	Point-wise compliance of this scope of supply and work is to be given by vendors while submitting their techno-commercial offer.		
<b>2.</b>	<b>Price Bid :</b>		
i)	The second envelope shall contain only the price bid with separate price for material & work on Price Bid Format as per <b>ANNEXURE 'B'</b> .		
ii)	Any other information in the price bid shall not be considered and the quotation is likely to be rejected. Price bid document shall be signed by the bidder at the bottom of the page.		
iii)	The envelope shall be sealed and super scribed with "Price Bid", Name of work & NIT No.		
iv)	Price bids of techno commercially accepted vendors shall be opened.		
v)	Both the above two envelopes shall be kept in another sealed cover. The cover shall be super-scribed with "Quotation for (name of work), NIT No. & due date and shall be addressed to <b>Shri Prafulla Chandra Sinha, Sr. Engineer (WEX-M&amp;R/E), Block-6 Annexe, HEEP, BHEL, Haridwar-249403</b> and it should also contain Bidder address.		
<b>Y</b>	<b>COMMERCIAL TERMS:</b>		
i)	Prices shall be quoted on "Firm Price" basis only. The prices should be on F.O.R BHEL, Haridwar basis inclusive of Packing & Forwarding, transit insurance & Transportation charges. Applicable % of ED & Sales Tax, Installation/ Commissioning Charges & Service Tax should be clearly indicated in attached Price bid format as per " <b>Annexure B</b> "		
ii)	Validity of offer shall be for a minimum period of 120 days from the date of Tender Opening.		
iii)	Freight & transit insurance charges from Dispatching station to BHEL, Haridwar shall be borne by the party.		
iv)	The material will be dispatched to Central Plant Stores, HEEP, BHEL, Haridwar with instructions to forward the same to <b>Sr.Engr. (WEX-MCR), Block-6 Annexe, HEEP, BHEL, Haridwar-249403</b>		