

**Institute for Plasma Research**  
**(An Autonomous Institute of Dept. of Atomic Energy)**  
**Bhat, Gandhinagar**

Eligibility Criteria ( Part-1(A) )

ITEM DESCRIPTION	Fabrication, Testing and Supply of Back plate assembly mock-up		
SI. No.	PARTICULARS	REMARKS	
I	Name of the Vendor		
II	IPR Enquiry NO & Date	IPR/TN/PUR/ET/9/15-16 Dated 18/03/2016	
III	Vendor Offer No & Date		
Si. No.	Criteria	Documents required to upload	Status of Documents (Uploaded/ Not-Uploaded in e-Tender Portal)
1	The bidder must have past experience in machining and fabrication related activities on Cr-Mo alloy steels or similar kind of low alloy high strength steel.	Purchase Order copies with technical details and proof of delivery/Completion Certificate	
2	The vender must have Electron Beam (EB) welding equipment capable to produce joint of full penetration from one side for job thickness up to 45 mm at its own disposal.	Details regarding the capacity of equipment for handling this particular job	
3	Average Annual turnover of the vendor for the last three years should be at least Rs. 1.5 crore	The copies of Audited Annual Accounts/Balance Sheet along with Profit & Loss Account or CA Certified Statement for last three financial years	

**Note:**

- 1) No Consortium will be allowed. The bidder must meet all the eligibility criteria by itself.
- 2) The response to tender without submission of proof of above points will summarily be rejected without further communication.

**Institute for Plasma Research**  
**(An Autonomous Institute under Dept. of Atomic Energy)**  
**Bhat, Gandhinagar**

**TECHNICAL SPECIFICATIONS ( Part-1(B) )**

<b>ITEM DESCRIPTION</b>	<b>Fabrication, Testing and Supply of Back plate assembly mock-up</b>										
<b>Name of Vendor</b>											
<b>IPR Enquiry No and Date</b>		IPR/TN/PUR/ET/9/15-16 Dated 18/03/2016									
<b>Vendors Offer No and date</b>											
<b>Si. No</b>	<b>Specification</b>	<b>Specify/ Compliance</b>	<b>Remarks</b>								
<b>1</b>	<b>SCOPE</b>										
1.1	The item of supply constitutes: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 30%;">Description</th> <th style="width: 20%;">Drawing no.</th> <th style="width: 10%;">Quantity</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td>Back plates assembly mock-up</td> <td style="text-align: center;">BKPA_IPR_01</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Sr. No.	Description	Drawing no.	Quantity	01	Back plates assembly mock-up	BKPA_IPR_01	1		
Sr. No.	Description	Drawing no.	Quantity								
01	Back plates assembly mock-up	BKPA_IPR_01	1								
1.2	Preparation and submission of Quality assurance plan (QAP) for the complete work (manufacturing, welding, inspection, testing, cleaning, etc.) indicating hold point, witness point, review at each stage of work execution.										
1.3	Preparation of fabrication drawings based on the engineering drawing (BKPA_IPR_01) provided by IPR following the requirements detailed in section 4 of this document.										
1.4	Vendor shall estimate the structural material required (Including the welding trials, welding procedure qualification etc.) towards successful fabrication of back plate assembly mock-up. The same may be uploaded along with the technical bid.										
1.5	The structural material considered for fabrication of back plate mock-up assembly will be provided by IPR as free issue material (FIM) along with the material test certificates. The details of structural material products are provided in section 5 of this document.										
1.6	Vendor shall obtain insurance for the FIM of value Rs. 15 Lakhs.										
1.7	All machining related activities shall be carried out following the requirements detailed in section 6 of this document.										
1.8	Development of suitable fixture, gauges, clamps, etc. for holding the components during fabrication, inspection and testing.										
1.9	All welds shall be performed by Electron beam welding (EBW) only. The requirement for welding and post weld heat treatment (PWHT) for this mock-up assembly are provided in section 7 of this document.										

1.10	The vendor should follow the preferred assembly sequence and welding direction as shown in Annexure-1 for fabrication of back plate assembly mock-up.		
1.11	Inspection and testing of fabricated mock-up assembly shall be performed following the requirements detailed in section 8 of this document.		
1.12	Preparation of documentation, including photographs/videographs, at various stages of work progress during execution.		
1.13	Packing and safe delivery of fabricated mock-up component to IPR.		
1.14	Any item/service, which may not have been specifically mentioned herein but are needed for satisfactory completion of work, shall also be treated as included and the same shall also form part of scope, unless otherwise specifically excluded.		
<b>2</b>	<b>APPLICABLE CODE AND STANDARD</b>		
2.1	All aspects of manufacturing, welding, heat treatment, inspection, testing etc. shall be performed in accordance to ASME Section VIII Div-1, ASME section III and ASME section IX.		
2.2	Welding qualification shall be performed as per guidance provided in ASME section IX.		
2.3	Non-destructive examinations shall be performed as per procedures mentioned in ASME section V.		
2.4	Structure materials supplied by IPR will be in accordance with ASME section II part A.		
<b>3</b>	<b>DRAWING</b>		
3.1	The fabrication drawings should provide manufacturing details such as different stages of machining with machining margin, weld edge preparation, surface finishes, dimensions with numerical value of tolerances, geometrical tolerances of form and positions, accuracy of built-in dimensions, weld joint details, bill of materials, surface treatment instructions (if any) etc.		
3.2	The fabrication and assembly drawings shall clearly indicate the welding process, weld serial no. and weld joint design considered for production of joints during assembly.		
3.3	Fabrication drawings shall also identify the inter-stage checks or inspections to be performed at different stages of assembly.		
3.4	The vendor should submit the detailed fabrication drawings to IPR in the form of hard copies (Two sets) and soft copies for review and acceptance prior to start of fabrication. If any corrections or modifications required, they shall be incorporated in the drawings by vendor with the approval of IPR		
3.5	Prior to shipment of fabricated mock-up assembly, the vendor shall prepare 'As-Built' drawings which shall show actual dimensions achieved on the fabricated component. 'As-built' drawings shall be sent to IPR before delivery of fabricated mock-up assembly.		

<b>4</b>	<b>MATERIAL OF CONSTRUCTION</b>						
4.1	The structural material considered for Back plate mock-up assembly fabrication is 9Cr-1Mo steel (Grade 91).						
4.2	Chemical composition, mechanical properties and other details of structural material products are in accordance with following standards: > For plates – ASME SA387/ASTM A387 Grade 91 Class 2 > For rods – ASME SA 182/ASTM A182M (Pipe of specified dimensions shall be machined from this rod).						
4.3	All mill test certificates obtained along with the structural material products will be provided with the FIM.						
4.4	The details of structural materials available with IPR for fabrication of this mock-up assembly are mentioned here below. Based on the estimation submitted by vendor, the overall required materials size (plates and rod in approximate length and width) are cut from available stock and shall be supplied to the vendor as FIM.						
	<table border="1"> <tr> <td>Thickness of plates (t)</td> <td>25 mm, 40 mm and 45 mm</td> </tr> <tr> <td>Diameter of rods (d)</td> <td>40 mm diameter</td> </tr> </table>	Thickness of plates (t)	25 mm, 40 mm and 45 mm	Diameter of rods (d)	40 mm diameter		
Thickness of plates (t)	25 mm, 40 mm and 45 mm						
Diameter of rods (d)	40 mm diameter						
<b>5</b>	<b>MACHINING</b>						
5.1	The cutting of material from the supplied lot should ensure sufficient margin to avoid heat affected areas causing material degradation.						
5.2	During machining, the cutting fluids used shall be water soluble, non-halogenated and phosphorus and sulphur free. Vendor should obtain prior approval from IPR for the usage of cutting fluid. The details of cutting fluid to be uploaded along with the technical bid.						
5.3	Machined parts and sub-components shall be degreased using solvents or alkaline detergents, rinsed with demineralized water, and dried completely before starting welding job.						
<b>6</b>	<b>WELDING</b>						
<b>6.1</b>	<b>General</b>						
6.1.1	Welding shall be carried out by qualified welding operators and qualified welding procedures only.						
6.1.2	The welds shall be subjected to post-weld heat treatment (PWHT). PWHT shall be carried out for the welds at 750°C (± 5°C) for 2 hours and cooled within the furnace/electrically heated coils for thickness up to 25mm. Plate thickness over 25 mm, the hold time shall be added 1 hr/nch of plate thickness.						
6.1.3	Partial penetration weld is not permitted. All weld joints shall be full penetration weld.						
<b>6.2</b>	<b>Welding Procedure Qualification</b>						
6.2.1	The Vendor shall be responsible for qualifying welding procedure and welding operator before start of any welding activity.						
6.2.2	Qualification of the welding procedures to be adopted shall be as per ASME section IX.						

6.2.3	The procedure qualification test performed by the Vendor shall be witnessed by IPR representatives. The welding procedure specification and a complete set of test results shall be submitted to the IPR for review and approval.		
6.2.4	A weld map with weld descriptions and fabrication drawing (sketch) that specifies where each procedure will be used shall be submitted to the IPR along with the Welding Procedure Specification (WPS) and Procedure Qualification Record (PQR) documents for each component.		
6.2.5	All welds in a component shall be identified by serial nos. indicated on a weld reference sketch and a Weld data sheet (WDS) shall be filled for each of these welds.		
<b>6.3</b>	<b>Weld Repair</b>		
6.3.1	Repair of welding shall be performed using a qualified and approved welding procedure. In-process repairs (i.e. repairs performed prior to completion of the joint, using the same welding procedures as for the original fabrication) during production do not require a separate procedure.		
6.3.2	For each individual repair, a written procedure shall be prepared by the vendor and submitted to IPR for review and approval. This written procedure shall include a sketch detailing extent and location of the defects, how defects will be removed, how removal will be verified, qualified welding procedure to be used, subsequent heat treatment and non-destructive examination.		
6.3.3	All repaired welds shall be inspected using the original testing method.		
6.3.4	Repair of surface defects in welds by grinding is permitted provided the minimum required wall thickness is maintained without abrupt changes in section thickness.		
<b>7</b>	<b>INSPECTION AND TESTING AT FACTORY (FAT -FACTORY ACCEPTANCE TEST)</b>		
<b>7.1</b>	<b>General</b>		
	The vendor is responsible for arranging and performing all inspection and testing detailed below. The vendor shall provide inspection and testing procedures to IPR for review and approval before starting the job.		
<b>7.2</b>	<b>Liquid Penetrant Test (LPT)</b>		
7.2.1	All welded joints shall be tested by vendor with Liquid Penetrant Test as per guidance provided in ASME Section III Division I Sub-section NB-5350 and ASME Section V Article 6.		
7.2.2	The Liquid Penetrant tested areas shall be cleaned by hot detergent wash. The water temperature shall be kept at 60°C and then these tested areas shall be dried completely. In case, vendor finds unacceptable defect, the same shall be notified to IPR.		
7.2.3	The procedure for testing shall be submitted to IPR for review and approval.		

<b>7.2.4</b>	<b>Acceptance criteria</b>		
	a) Imperfections producing indications with major dimensions greater than 1/16 in. (1.5 mm) shall be considered relevant imperfections.		
	b) Imperfections producing the following indications are also unacceptable: > Any cracks or linear indications with length three times greater than the width; > Rounded indications with dimensions greater than 3/16 in. (5 mm); > Four or more rounded indications in a line separated by 1/16 in. (1.5 mm) or less edge to edge; > Ten or more rounded indications in any 6 sq in. (4000 mm <sup>2</sup> ) of surface with the major dimension of this area not to exceed 6 in. (150 mm) with the Area taken in the most unfavorable location relative to the indications being evaluated		
<b>7.3</b>	<b>Dimensional Inspection</b>		
7.3.1	The dimensions of fabricated mock-up assembly shall be measured and verified with dimension and tolerances mentioned in the approved fabrication drawings.		
<b>7.4</b>	<b>Radiography Testing</b>		
7.4.1	Radiography testing for weld joints shall conform to guidance provided in ASME Section-III ND paragraph 5320 ASME section V Article 2 together with other requirements as mentioned herein.		
7.4.2	Radiographic film interpretation shall be done by ASNT level II certified personnel.		
7.4.3	For all thickness X-rays shall be used as source of radiation. Gamma rays shall be employed only when X-rays is not feasible.		
7.4.4	Procedure for Radiography testing shall be submitted to IPR for review and approval.		

<b>7.4.5</b>	<b>Acceptance criteria</b>		
	a) Cracks, Lack of Penetration (LOP), Lack of Fusion (LOF), Oxidation, Undercuts, Linear and angular defects of any type, surface defects in the region of weld and HAZ involving either stress raisers or loss of wall thickness, root concavities shall not be acceptable.		
	b) Porosity and spherical inclusions in excess of limits stated below: i. Plate thickness 3mm & less: Defect free weld is required. ii. Plate thickness > 3mm and ≤ 6mm: Isolated globular inclusions / porosity permitted provided they are not larger than 0.8 mm diameter in any portion of the weld and do not exceed 4 in number in any length of 300 mm and are separated from each other by at least 4 times their diameter. iii. Plate thickness >6mm and ≤ 16mm: Isolated globular inclusions / porosity permitted provided they are not larger than 1.5 mm diameter in any portion of the weld and do not exceed 4 in number in any length of 300 mm and are separated from each other by at least 4 times their diameter. iv. Plate thickness >16mm and < 50mm : Isolated globular inclusions / porosity permitted provided they are not larger than 4 mm diameter in any portion of the weld and do not exceed 4 in number in any length of 300 mm and are separated from each other by at least 4 times their diameter.		
	c) Indications shown on the radiographs of welds and characterized as imperfections are unacceptable under the following conditions: (a) Any indication characterized as a crack or zone of incomplete fusion or penetration; (b) Any other elongated indication that has a length greater than (1) 1/4 in. (6 mm) for t up to 3/4in. (19 mm), inclusive (2) 1/3t fort from 3/4in. to 2 &1/4 in. (19 mm to 57 mm), inclusive (3) 3/4 in. (19 mm) for t over 2 &1/4 in. (57 mm) Where t is the thickness of the thinner portion of the weld		
<b>7.5</b>	<b>Ultrasonic Examination</b>		
7.5.1	Ultrasonic examination shall be carried in accordance with ASME section V Article 4 (For weld) and ASME Section III Division I Sub-section NB – 5300.		
7.5.2	The Ultrasonic Examination procedure shall be submitted to IPR for review and approval.		

<b>7.5.3</b>	<b>Acceptance criteria</b>		
	Imperfections which produce a response greater than 20 % of the reference level shall be investigated to the extent that the operator can determine the shape, identity, and location of all such imperfection and evaluate them in terms of the acceptance standards given in (a) and (b)Below;		
	a) Imperfections are unacceptable if the indications exceed the reference level amplitude and lengths exceeding: i. ¼ in. (6 mm) for t up to ¾ in. (19 mm), inclusive ii. 1/3rd t for t from ¾ in. (19 mm) to 2 ¼ in. (57 mm), inclusive iii. ¾ in. (19 mm) for t over 2 ¼ in. (57 mm) Where t is the thickness of the weld being examined; if the weld joint two members having different thickness at the weld t it the thinner of these two thicknesses.		
	b) Indications characterized as cracks, lack of fusion, or incomplete penetration are unacceptable regardless of length.		
<b>7.6</b>	<b>Helium Leak Testing</b>		
7.6.1	The vendor is responsible to carryout helium leak testing of fabricated mock-up assembly as per guidance provided in ASME Section V Article 10.		
7.6.2	The leak rate shall not exceed 1x10-9 mbar liters/second during testing of back plate mock-up assembly. The appropriate procedure for helium leak testing shall be submitted to IPR for review and approval.		
7.6.3	The vendor shall make appropriate connections and fixtures for testing the mock-up assembly.		
7.6.4	The test shall be performed before and after hydro test in the presence of IPR representatives.		
<b>7.7</b>	<b>Hydro Test</b>		
7.7.1	The hydro-test of the mock-up assembly shall be carried out as per guidance provided in ASME Sec. III (ND) and ASTM-E-1003.		
7.7.2	The procedure for testing shall be prepared by the vendor and submitted to the IPR review and approval.		
7.7.3	The test shall be carried out at 150 bar. It shall be conducted in steps of 20 bar up to 150 bar. The vendor shall make suitable connections and fixtures for hydro-testing.		
7.7.4	The Test shall be performed in the presence of IPR representatives only.		
<b>8</b>	<b>PACKING AND SUPPLY</b>		
8.1	After issuance of dispatch clearance by IPR, the fabricated and tested back plate assembly mock-up shall be appropriately packed by the vendor to avoid any damage during transportation to IPR premises.		



<b>9</b>	<b>INFORMATION TO BE FURNISHED WITH TECHNICAL BID (MANDATORY)</b>		
	The vendors are expected to go through the technical specification before filling the form below apart from the additional information sought in the Purchase Order.		
9.1	Do you have machining facility at your premises? In case, yes; upload list of machines capable to handle this particular job.		
9.2	Do you have Electron Beam welding facility at your disposal that is capable to handle particular job with full penetration? (Refer assembly sequence in Annexure-1)		
9.3	Do you have heat treatment facility required for this work? Give details of the same.		
9.4	Do you have inspection and testing facilities at your end? If not, how do you plan to do it?		
9.5	Do you have experience in development job with IPR or any other Dept. of Atomic Energy unit?		
9.6	Are you familiar with Quality Assurance Plan? Upload the proposed quality assurance plan for tender job showing Review, Hold point and Witness points.		
<p>Note: Bidders are advised to fill all the mandatory fields (coloured cells) of the excel files of the Tender.  If applicant keeps any mandatory cell blank, System will not allow to close/save the file</p>			

**Institute for Plasma Research**  
**(An Autonomous Institute of Dept. of Atomic Energy)**  
**Bhat, Gandhinagar**

**TERMS & CONDITIONS ( Part-1(C) )**

ITEM DESCRIPTION	Fabrication, Testing and Supply of Back plate assembly mock-up	
Sl. No.	PARTICULARS	REMARKS
I	<b>Name of the Supplier</b>	
II	<b>IPR Enquiry NO &amp; Date</b>	IPR/TN/PUR/ET/9/15-16 Dated 18/03/2016
III	<b>Vendor Offer No &amp; Date</b>	
IV	Postal address	
V	Contact with STD code	
VI	Fax with STD code	
VII	Name of Contact person	
VIII	Mobile No.	
IX	e-mail ID	
X	<b>Currency of offer/quotation</b>	
	<b>SCANNED COPY OF THE BELOW MENTIONED DOCUMENTS NEED TO UPLOAD AT <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> AT THE TIME OF PARTICIPATION OF TENDER WITHIN THE PERIOD OF SUBMISSION.</b>	<b>"YES" OR "NO"</b>
1	<b>Certificates:</b>	
	i) Registration Certificate if Any, with DGS&D/NSIC/MSME	
	ii) PAN (Permanent Account Number) Registration	
	iii) Certificates of Registration for Sales Tax/ VAT/ WCT or Service Tax	
	iv) Authorization certificate/ Agency Agreement from Manufacturer (if not manufacturer)	
	<b>Commercial Terms for Quoted items (Please Provide Commercial terms and conditions in the below form)</b>	
2	Price Shall be firm and fixed through out the currency of contract, in the event of placement of purchase order.	
3	Please select the CURRENCY OF OFFER / QUOTATION first	
4	Packing & Forwarding	
5	Excise duty applicable (IPR is exempted payment of Excise Duty for items mentioned in the notification (wherever applicable) as per notification no. 10/97)	
6	Custom duty applicable (IPR is exempted payment of Custom Duty for items mentioned in the notification (wherever applicable) as per notification no. 51/96-Custom dated 23-7-1996 and can place order directly on foreign manufacturers)	
7	Sales Tax/ VAT/ CST	
8	Whether any transportation is involved, if so charges mentioned for the same?	
9	Insurance	
10	Service Tax	
11	Agency Commission (for Authorised agents of Foreign Supplier)?	
12	<b>Delivery, Installation and commissioning/ Completion period: Vendor should submit the fabrication drawings to IPR for approval within 2 weeks from the date of PO and mock-up should be supplied within 6 months from the date of approval of drawings</b>	
13	Installation and commissioning charges (if applicable)	
14	Discount	
15	<b>Liquidated Damages:-</b> as per Sr. No. 9.2.1 of terms and conditions of Form No IPR-LP1 attached with the tender/enquiry	
16	<b>Terms of Payment:-</b> as per Sr. No.16 of Form No IPR-LP1 ( Terms and Conditions) attached with the tender/enquiry	
17	<b>Guaranty / Warranty:-</b> 1 year warranty with on site support will be effective from the date on which IPR accepts the system.	
18	<b>Validity of offer/quotation:-</b> 120 days from the date of opening of tender	
	<b>QUESTIONNAIRE TO BE FILLED BY BIDDER IN AND SENT ALONG WITH OFFER DULY SIGNED</b>	
19	In the event of a purchase order, and if you are not registered with <b>DGS&amp;D, NSIC, MSME</b> , Security Deposit in the form of Bank Guarantee for 10% of contract/ order value from SBI/nationalized banks or any one of the scheduled banks mentioned in the bracket (Axis Bank, HDFC Bank, ICICI Bank and IDBI Bank) valid till final acceptance of the supplied goods at IPR, wherever applicable shall be submitted.	
20	In the event of a purchase order Performance Bank Gurantee for 10% of the contract/order value from SBI/nationalized banks or any one of the scheduled banks mentioned in the bracket (Axis Bank, HDFC Bank, ICICI Bank and IDBI Bank) valid throughout the guarantee period, wherever applicable shall be submitted.	

21	I/We hereby offer to supply the stores detailed in the schedule hereto at the price given in the said schedule and agree to hold this offer open till expiry of quotation. I/We shall be bound to supply the stores hereby offered upon issue of purchase order communicating the acceptance thereof on or before the expiry of the last mentioned date. You will be at liberty to accept any one or more of the items of stores tendered for or portion of any or more of the items of such stores and I/We notwithstanding that the offer in the tender has not been accepted in whole shall be bound to supply to you- such item or items and such portion or portions of one or more of the items as may be specified in the said Purchase Order communicating the acceptance.	
22	I/we have understood the General Conditions of all Contracts and special conditions of contract governing supplies of plant and machinery in the Form No. IPR-LP1, included in the General Conditions of all Contracts and special conditions of contract governing of plant and machinery applicable to contracts placed by the Institute for Plasma Research and the instructions to Tenderer annexed to the invitation to tender Form and have thoroughly examined the specification / drawing and / or pattern quoted or referred to in the Schedule hereto and am/are fully aware of the nature of the stores required any my/our offer is to supply stores strictly in accordance with subject tender to the terms and conditions stipulated in your above Form No. IPR-LP1 and also contained in the Purchase Order Communicating acceptance of this Tender.	
23	Whether All Documents Related to tender Viewed?	
24	In case of two part tender whether unpriced quotation has been uploaded (Failing which offer will not be considered for technical evaluation)	

**PRICE SCHEDULE (Part-2)**

IPR Enquiry NO & Date : **IPR/TN/PUR/ET/9/15-16 Dated 18/03/2016**

From

NAME OF THE CONTRACTOR :  
Offer no & date:

--

Sl.No	Item Description	Tendered Quantity	Unit of Measure appropriate part no rement and accessories that (UOM ) are not listed for the configuration of the system	Type of Currency	Rate			Packing and Forwarding Charges (if applicable) Per Unit		Customs Duty/ Excise Duty Per Unit**		VAT / CST		Per Unit	Total Unit Cost	Freight Charges (if applicable) Per Unit				Installation / Commissioning Charges (if applicable)			Insurance (if applicable)		Total Unit Cost	Total Landed Value (Total Unit Cost x Quantity)	Remarks			
					Basic Rate	Discount (in amount)	Amount	(in %) Only	Amount	(in %) Only	Amount	(in %) Only	Amount			(in %) Only	Amount	Amount	Service Tax on Freight charges ( in % ) only	Amount	Charges	Service Tax on Freight charges ( in % )	Amount	Charges				Amount		
																													(in %)	Amount
1	Fabrication, Testing and Supply of Back plate assembly mock-up	1	Nos				0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00		0.00		0.00		0.00				
a.	Optional Item/ Accessories						0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00		0.00		0.00		0.00				
b.	Optional Item/ Accessories						0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00		0.00		0.00		0.00				
c.	Optional Item/ Accessories						0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00		0.00		0.00		0.00				
d.	Optional Item/ Accessories						0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00		0.00		0.00		0.00				
e.	Optional Item/ Accessories						0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00		0.00		0.00		0.00				
2.	<b>GRAND TOTAL</b>			0																										

Place of Delivery: **IPR Gandhinagar**

NOTES:

- 1) If freight is not shown seperately it will be treated as "FREE DELIVERY"
- 2) Details specifications and scope of work are as per Attached Annexure
- 3) If the rate cells left blank, it will be treates as "0" (ZERO)
- 4) Vendor has to select "Type of currency", its mandatory
- 5) \*\*As per notification No. 10/97 - Central Excise, Dated 01/03/1997, IPR is entitled to avail Excise exemption wherever applicable, so please do not include Excise Duty in your offer.
- 6) \*\*IPR is exempted payment of Custom Duty as per notification no. 51/96-Custom dated 23-7-1996
- 7) Kindly enable the Macros if you receive the "Security Warning" message. (Click on options in "Security Warning" and select "Enable this content"