



# MINISTRY OF RAILWAYS

## *Tender Document*

*for*

***Fabrication of 19x123m triangulated steel bridge girders for new rail-cum-road bridge over river Ganges (Ganga) at Patna by setting up of field workshop on the Pahlejaghat end (North end) of river Ganges ( Ganga ) including leading of the structural steel from Fatuha stockyard, shop painting and trial assembly of one span of 123m in the shop as a complete job. (IRCON will supply structural steel free of cost while the other materials shall have to be arranged by the contractor at his own cost.)***

## ***Package: 2***

***Tender No. IRCON/CC/TN/GANGA BRIDGE-BIHAR/08/459***

## ***PACKET-II :: FINANCIAL BID***

**August 2008**

## **IRCON INTERNATIONAL LIMITED**

(A Govt. of India Undertaking)  
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# Ircon International Limited

Annexure- A-I

**Tender No.: IRCON/CC/TN/GANGA BRIDGE-BIHAR/08/453 Dtd.22.08.2008**  
**Open Tender in two packet system**

**Name of Work:** Fabrication of 19x123m triangulated steel bridge girders for new rail-cum-road bridge over river Ganga at Patna by setting up of field workshop on the Pahlejaghat end (North end) of river Ganga including leading of the structural steel from Fatuha stockyard, shop painting and trial assembly of one span of 123m in the shop as a complete job. (IRCON will supply structural steel free of cost while the other materials shall have to be arranged by the contractor at his own cost.)

### Schedule "A-I"

Sl. No.	Description	Unit	Qty.	Estimated Rate per MT (Rs. P.)	Amount (Rs. P.)
1	Fabrication of triangulated bridge girders (19 x 123 m) including loading, leading, unloading, stacking of the structural steel, trial assembly including painting, metallising etc. as a complete job with contractor's consumables, energy/ power, labour, tools, plants and equipments, fabrication shall be as per approved structural & fabrication drawings including trial assembly of one 123m span.	MT	37538	36200.00	135,88,75,600.00
<b>Rate of the BOQ item includes the following:</b>					
(i)	Loading, leading, unloading and stacking of the structural steel supplied free of cost by IRCON at Fatuha stockyard near Patna.				
(ii)	Testing charges as per tender conditions and as directed by the Engineer.				
(iii)	All consumables, energy and water including standby power arrangement.				
(iv)	Setting up of workshop, laboratory, site office, including required machineries in the workshop, tools and plants, laboratory equipments, office furnitures, computers, etc.				
(v)	Preparation of fabrication drawing and arranging inspection of inspecting agency.				
(vi)	One trial assembly of 123 m span fabricated bridge girder on shop floor in presence of Inspecting Agency including its dismantling.				
(vii)	Painting of all components of girders as per specification and as directed/approved by the Engineer with contractor's own, material, labour, equipments, etc. required to complete the work.				
(viii)	Proper stacking of fabricated component during the fabrication process and loading upto the abutment of the bridge/ handing over of the same to launching contractor including loading of the fabricated material in the trailer/ truck.				
<b>Notes:</b>					

(i)	Structural steel shall be supplied by IRCON free of cost at Fatuha stockyard of SAIL near Patna. The contractor shall load, lead, unload and properly stack the structural steel from the stockyard to the fabrication workshop at his own cost. Except structural steel, all other materials shall be arranged by the contractor at his own cost for the works covered by these tender documents, conforming to specifications.
(ii)	The fabrication includes preparation and getting approval of fabrication (shop) drawings/ schemes, setting up of templating shop/floor for templating purposes, cutting, shaping, drilling holes, welding of components, welding consumables, all inspection and testing of raw materials including Ultrasonic testing, etc. complete with contractor's own labour, consumables, tools & plants including all lead, lift and taxes complete.
(iii)	Structural steel supplied by IRCON shall be only for fabrication of bridge girders. Structural steel required for other purposes like setting up of workshop, office, etc. shall be arranged by the contractor at his own cost.
(iv)	Contractor shall hand over the complete workshop assets including heavy machineries, laboratory, office, etc. to IRCON after completion of the work. No payment shall be given to the contractor for that. However, Sand blaster, spray painting machine, office computers may be carried away by the contractor after completion of the work.
(v)	Maximum allowable wastage shall be upto 7% of the theoretical required quantity, which include @ 2% of burning wastage while @5% wastages generated in the form scrap. All scrap and cut-pieces shall remain the property of contractor and he may dispose it off in the manner he decides. Scrap generated beyond 7% shall not be allowed.
(vi)	Rate quoted by the contractor in his tender and accepted by IRCON shall hold good till the completion of the work. However, Price Variation Clause is applicable for the BOQ item only. Nothing extra shall be paid. Price variation shall not be applicable for any new NS item, if any, that may be included subsequent to completion of the work.
(vii)	It is a key date based work. Various activities are required to be finished within the assigned key dates, otherwise provisions of penalty is there as specified in Additional Special Conditions of the Contract. For each missing key date, a penalty of Rs.1 Lakh per day shall be imposed. However, this penalty can be reimbursed, if the contractor makes up the progress and completes the work as per target of next key dates i.e. meeting with the cumulative target of the next key date.
(viii)	Missing of any steps in the aforesaid para will not entitle contractor to make any extra claim. Contractor shall quote his rate considering as payment shall be as per the BOQ item only which includes everything. No any extra payment shall be made over and above the rate quoted by the contractor. <b>In case of any doubt about payment or any other type of claim which may foresee the contractor, the same may be clarified by the tenderer during the pre-bid conference to be held on 11.07.2008. It mean to say that no any extra payment shall be admissible above the BOQ item except permissible PVC and extra taxes if any levied after submission of offer.</b>

## Ircon International Limited

**Tender No.: IRCON/CC/TN/GANGA BRIDGE-BIHAR/08/453 Dtd.27.06.2008**  
**(open) Tender in two packet system.**

**Name of Work:** Fabrication of 19x123m triangulated steel bridge girders for new rail-cum-road bridge over river Ganga at Patna by setting up of field workshop on the Pahlejaghat end (North end) of river Ganga including leading of the structural steel from Fatuha stockyard, shop painting and trial assembly of one span of 123 m in the shop as a complete job. IRCON will supply structural steel free of cost while the other materials shall have to be arranged by the contractor at his own cost.

### Schedule of items (Rates to be quoted in this rate sheet only)

Sl. No.	Description of item	Rate (% above/below/at par)	
		In Figure	In words
<b>Schedule-A-I</b>			
1	Over all percentage above/below over the basic cost of items under Annexure A-I  (Approx. basic cost <b>Rs. 135,88,75,600/=</b> ) (Approx. basic cost in words is <b>Rupees One Hundred Thirty Five Crores Eighty Eight Lacs Seventy Five Thousand Six Hundred only</b> ) as per details in Annexure A-I		

**Notes:-**

1. Rates shall have to be quoted as percentage above/ below/ at par for the scheduled item as described in Schedule A in Annexure-A-I.
2. IRCON/Railways reserves the right to cancel/ reject any or all tender without assigning any reason.

**Signature of tenderer**

**Dated: \_\_\_\_\_**