

NOTING INVITING QUOTATIONS (NIQ)

IAHE/Admin./24/Misc.-M&R/2019-20

Dated 07.10.2019

Name of the work: Providing, Supplying and Installation of Way Finding Sign-boards as per scope of the work at IAHE Campus Noida.

IAHE invites the quotation for the work of *“Providing, Supplying and Installation of Way Finding Sign-boards as per scope of the work at IAHE Campus Noida”*. The quotation may be submitted to Director, IAHE in sealed envelope so as to reach by **14.10.2019, 15:00 hrs** in the format as given at **Annex-1 (on the letter head of the agency)** keeping in view of terms and conditions for the subject work. In the quotation, the letter number and date of this NIQ shall be mentioned.

1. Scope of Work:

In consideration of the fees required to be quoted, the contractor shall faithfully, expeditiously and honestly perform the activities in connection with the said work which includes following items

Sr. No.	Element	Description and Specifications of Item	Quantity
ACP PYLON SIGNAGE BACK LIT			
1	Frame	A. Frame (Size – 1 m x 2 m) made of 50 mm x 25 mm x 3.2 mm Hollow Mild Steel (MS) Square tube of 14 gauge primer coated with red oxide. B. Frame is covered with 4 mm ACP. C. Back panel made of ACP sheet Open able. D. Complete Fabrication, Mounting and Installation of the ACP signage showing Complete plan of IAHE campus and marked location of current position E. 4 mm exterior grade ACP sheet of bright silver colour, ACP sheets to be joined from back with minimum gap visible from the front and silicone tape for joining gap. ACP to be mounted from 5 Sides ,pasted with laser cut 1 inch raised imported acrylic covering letters as per logo colors as shown in the attached artwork. F. Artwork as per the direction of the Deputy Director	1
	Fascia	Exterior Grade Silver color ACP ACP PVDF: Aluminum composite panels, composed of laminate 2 color painted aluminum sheets with plastic cores, in the plate form and with the thickness of 4mm. Reputed suppliers like Aludecor /Timex /Alubond /	

Sr. No.	Element	Description and Specifications of Item	Quantity
		<p>Alstrong ACP. ACP should have attributes such as superior flatness, rigid, light weight, durable, vibration dampening, ease of maintenance Weathering, Corrosion and Chemical Resistant and environmentally Friendly.</p> <p>Acrylic: Clear Cast Grade imported Acrylic sheet Vinyl: Vinyl should be of reputed brands like Vinyl LG Hausysgrade / Avery HIGH PERFORMANCE FILMS/ 3M Long-Term Vinyl series/Arlon 2100/Series</p>	
	LED Module if Back Lit	<p>A. White color water proof LED of reputed brand, B. Led module with fitting on laser cut acrylic letters in box format C. Standard Power supply- wire – as per ISI standard. D. With water proof power supply</p>	
WAY FINDING SIGNAGE			
2	Frame	<p>A. Frame made of 50 mm x 25 mm x 3.2 mm Hallow Mild Steel (MS) Square tube of 14 gauge primer coated with red oxide. Mounted on 2.1 m high MS round pole duly painted.</p> <p>B. Frame is covered with 4 mm ACP on both side C. Complete Fabrication, Mounting and Installation of the ACP signage D. 4 mm exterior grade ACP sheet of bright silver colour, ACP sheets to be joined from top with minimum gap visible from the top and silicone for joining gap. ACP to be mounted from 6 Sides, pasted with vinyle letters as per logo colors as shown in the attached artwork.</p>	7
	Fascia	<p>Exterior Grade Silver color ACP ACP PVDF: Aluminum composite panels, composed of laminate 2 color painted aluminum sheets with plastic cores, in the plate form and with the thickness of 4mm. Reputed suppliers like Aludecor /Timex /Alubond / Al strong ACP. ACP should have attributes such as superior flatness, rigid, light weight, durable, vibration dampening, ease of maintenance Weathering, Corrosion and Chemical Resistant and environmentally Friendly.</p> <p>Vinyl: Vinyl should be of reputed brands with warranty offers like Vinyl LG Hausysgrade / Avery HIGH PERFORMANCE FILMS/ 3M Long-Term Vinyl series/Arlon 2100/Series</p>	
3	Civil Work	<p>Excavation of soil for fixing the poles of way finding sign boards, Filling the excavated space with earth, preparation of base for poles in 1:1.5:3 Concrete and Reinforcement , Stone cladding on the raised foundation base, Size as per schedule of quantities.</p>	9 nos. of bases

1.1 All the items shall be strictly as per specifications and descriptions of items in schedule of quantities as specified in the afore mentioned table. Any of the deviation in the items from the stipulated specifications shall have prior approval of Deputy Director-3, IAHE.

1.2 List of the items are as follows:

DSR Ref.	Description	Unit	Quantity	Rate	Amount
	ACP Way Finding Sign Boards Installation Details of cost for boards area 0.75 X 0.45=0.34 sqm				
	MATERIAL		Nothing is to be quoted here.		
	M.S. tube 50x25x3.2mm				
	vertical 2.0 x .45 mtr = 0.90 mtr				
	horizontal 2 x .75 mtr = 1.5 mtr				
	total 2.4 mtr				
	add wastage @ 10% = .24				
	total 2.6 @ 3.24 kg/m =8.4 kg (A)				
	M.S. Round tube (Pole) 101.6 x 4				
	vertical 1.0 x 2.1mtr = 2.1 mtr				
	total 2.1mtr				
	add wastage @ 10% = 0.2				
	total 2.3 @ 11.63 kg/m = 22.14 kg (B)				
	BASE PLATE 4 mm Thick 1 X .25 X .25 = .06				
	total .06 @ 31.4 kg/Sqm = 1.96 kg (C)				
	TOTAL M.S. Tube = (A+B+C) = 31.61				
10.16.2	Hot finished seamless type tubes	kg			
	Area for ACP = 2 X .50 X .8 = .8 Sqm				
	Area i/c wastage @ 5% 0.08 m2 =.88				
2631	4 mm thick ACP	Sqm			
2607	Weather Sealant - Non Staining (600 ml)	each			
2606	Spacer tape 6.4 mm thick x 6 mm wide	metre			
2614	SS screw with washer of sizes for structural glazing/ ACP Cladding	each			
8654	Masking tape	metre			
	Area of printed vnyle = .33 Sqm				
	Area i/c wastage @ 5% = .033 = 0.36 m2				
MR	vinyle print	Sqm			
13.52.1	epoxy paint	Sqm			
	LABOUR				
102	Blacksmith 1st class	day			

DSR Ref.	Description	Unit	Quantity	Rate	Amount
100	Bandhani	day			
114	Beldar	day			
9999	Sundries	l.s.			
9999	Sundries (fabrication Acp)	l.s.			
9999	Sundries (fabrication Acrylic)	l.s.			
	Total				
	TOTAL				
	Add 15 % Contractor's profit				
	TOTAL (Finished Rate to be Quoted by the bidder in Rs.)				
(A)	Total nos. of these type of signages=7		7	7 multiplied by 'X'	
	ACP Pylon type Signage Boards Installation				
	Details of cost for boards area 1 X 2.0=2.0 sqm				
	MATERIAL				
	M.S. tube 50x25x3.2mm				
	vertical 2.0 x 1.8 mtr = 3.6 mtr				
	horizontal 3 x 1 mtr = 3 mtr				
	total 6.6 mtr				
	add wastage @ 10% = .66				
	total 7.26 @ 3.24 kg/m = 23.5 kg (A)				
	M.S. tube 145 X 82 X 4.8				
	vertical 1.0 x 2 mtr = 2 mtr				
	vertical 1.0 x 2.5 mtr = 2.5 mtr				
	total 4.5 mtr				
	add wastage @ 10% = .45				
	total 4.95 @ 15.92 kg/m =78.80 kg (C)				
	BASE PLATE 4 mm Thick 2 X .3 X .3 = .18				
	add wastage @ 10% = .018				
	total 0.19 Sqm				
	total .19 @ 31.4 kg/Sqm = 5.96 kg (D)				
	TOTAL M.S. Tube = (A+B+C) =108.26				
10.16.1	Hot finished welded type tubes	kg			
	Area for ACP = 2.79 Sqm				
	Area i/c wastage @ 5% = 2.93 m2				

DSR Ref.	Description	Unit	Quantity	Rate	Amount
2631	4 mm thick ACP	Sqm			
2607	Weather Sealant - Non Staining (600 ml)	each			
2606	Spacer tape 6.4 mm thick x 6 mm wide	metre			
2614	SS screw with washer of sizes for structural glazing/ ACP Cladding	each			
8654	Masking tape	metre			
7485	Oxidised M. S. hinges finished with nickel plating 65 mm (Over all width)	metre			
	Area for Acrylic sheet = 1 X 1.2 = 1.2 Sqm				
	Area i/c wastage @ 5% 1.26 m2				
MR	3 mm thick transparent acrylic plastic sheet	Sqm			
	Area of printed vinyle = 1 X 1.2 = 1.2 Sqm				
	Area i/c wastage @ 5% 1.26 m2				
MR	vinyle print on acraylic	Sqm			
MR	Laser cut acrylic letters	nos			
MR	Providing and fixing led light complete with all circuit connections	Nos			
	LABOUR				
102	Blacksmith 1st class	day			
100	Bandhani	day			
114	Beldar	day			
9999	Sundries	l.s.			
9999	Sundries (fabrication Acp)	l.s.			
9999	Sundries (fabrication Acrylic)	l.s.			
	Total				
	TOTAL				
	Add 15 % Contractor's profit				
	TOTAL (Finished Rate to be Quoted by the bidder in Rs.)		1	Bidder quote to be filled here, say 'X'	
(B)	Total nos. of these type of signages=1		1	1 multiplied by 'X'	

Nothing is to be quoted here.

DSR Ref.	Description	Unit	Quantity	Rate	Amount
Civil Work					
Sr. no	Description	Unit	Quantity	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	Cum	1.458		
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	0.85		
3	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	Sqm	3.12		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	Cum	0.1333125		
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3graded stone aggregate 20 mm nominal size)				
5	Centering and shuttering including strutting, propping etc. and removal of form for :	Sqm	10.44		
	Foundations, footings, bases of columns, etc. for mass concrete				
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	KG	39.06		
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement	Cum	1.06		
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm				

DSR Ref.	Description	Unit	Quantity	Rate	Amount
	nominal size)				
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	Cum	0.27		
	Cement mortar 1:4 (1 cement : 4 coarse sand)				
9	15 mm cement plaster on the rough side of single or half brick wall of mix :	Sqm	3.96		
	1:4 (1 cement : 4 fine sand)				
10	Providing and fixing 18mm thick gang saw cut mirror polished pre-moulded and pre-polished) machine cut of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels. (Stone for Cladding-Granite Stone of Jet Black Colour)	Sqm	5.58		
(C) TOTAL OF CIVIL WORK					
Total Estimated Cost of the Work without Taxes (A+B+C)					

Reference Photo of the Finished Item:

- (i) Item at Sr.no. 1 above



- (ii) Item at Sr.no. 2 above

2. **Preparation and Submission of Quotation:** Agencies are required to submit proposals in 2 covers. The first cover shall contain a copy of PAN Card, GST Registration certificate, and security deposit of Rs. 5000/- in the form of Demand Draft/ Bankers Cheque of a scheduled bank drawn in favour of Indian Academy of Highway Engineers payable at Noida. The second cover shall contain the Financial Quote/ Quotation as given at Annex-1 .The first cover shall be opened at first and agencies who have submitted PAN Card, GST Registration and Security deposit shall be eligible for opening of the second cover shall be eligible for opening of the second cover i.e. the cover containing the Financial Quote. Both the covers should be enclosed in a third cover with *“Providing, Supplying and Installation of Way Finding Sign-boards as per scope of the work at IAHE Campus Noida”* in response to IAHE’s NIQ bearing no. IAHE/Admin./24/Misc.-M&R/2019-20 dated 07.10.2019.
3. **Award of Work:** The work shall be awarded to the firm submitting the lowest Financial Quote.
4. Prospective bidders are encouraged to visit the site for proper understanding the scope of work before submitting the quotation. A pre bid meeting will be held on 14.10.2019 at 15:00 hrs at IAHE, Noida.
5. The rates quoted should be exclusive of all taxes (GST etc.).GST shall be paid based on the receipt of the same.
6. Payment shall be made through cheque or NEFT/RTGS. Details of Bank A/c (name of account holder, nature of account, account number, bank name/ branch) shall be specified in the quotation.

7. IAHE reserves the right to cancel the NIQ even after receipt of quotations without assigning any reason.
8. Quotation shall be submitted to IAHE in sealed envelope mentioning **“Providing, Supplying and Installation of Way Finding Sign-boards as per scope of the work at IAHE Campus Noida”** in response to IAHE’s NIQ bearing no.IAHE/Admin./24/Misc.-M&R/2019-20 dated 07.10.2019.
9. Supply & fixing of all items mentioned in the scope of the work should be completed within 20 (twenty) days after issue of the work order. In case the agency fails to supply and fixing of all the items listed in NIQ with in specified period, then the security deposit is liable to be forfeited.
10. Security deposit of bidders except lowest bidder is returnable to bidder’s not later than 15 (Fifteen) days from the date of opening of financial proposal. The security deposit of the successful firm (lowest bidder) will be released within 10 days from supply & installation of all items mentioned in the NIQ.
11. This is issued with the approval of Director, IAHE.

Yours faithfully,

(Devender Kumar)
Deputy Director-3
For Director, IAHE

Format should be on the letter head of the agency submitting the quotation

To

The Director
 Indian Academy of Highway Engineers (IAHE)
 A-5, Sector-62, Noida-201309

Subject: Quotation for the work of "Providing and Installation of way finding sign boards as per enclosed items of the estimate at IAHE Campus Noida."

Sir,

In reference of NIQ bearing No IAHE/Admin./24/Misc.-M&R/2019-20 dated 26.08.2019, we,.....(name and address of Firm) submit the quotation of Rs.....(in words) as per following details exclusive of all applicable taxes. Our proposal shall be valid for a period of 60 days. We accept all the terms and conditions stated in afore mentioned NIQ.

DSR Ref.	Description	Unit	Quantity	Rate	Amount
	ACP Way Finding Sign Boards Installation Details of cost for boards area 0.75 X 0.45=0.34 sqm				
	MATERIAL		Nothing is to be quoted here.		
	M.S. tube 50x25x3.2mm				
	vertical 2.0 x .45 mtr = 0.90 mtr				
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10.16.2	Hot finished seamless type tubes	kg			

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	Area i/c wastage @ 5% 0.08 m2 = .88				
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2607	Weather Sealant - Non Staining (600 ml)	each			
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	Area of printed vnyle = .33 Sqm				
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13.52.1	epoxy paint	Sqm			
	LABOUR				
102	Blacksmith 1st class	day			
100	Bandhani	day			
114	Beldar	day			
9999	Sundries	l.s.			
9999	Sundries (fabrication Acp)	l.s.			
9999	Sundries (fabrication Acrylic)	l.s.			
	Total				
	TOTAL				
	Add 15 % Contractor's profit				
	TOTAL (Finished Rate to be Quoted by the bidder in Rs.)		1		Bidder quote to be filled here, say 'X'
(A)	Total nos. of these type of signages=7		7		7 multiplied by 'X'
	ACP Pylon type Signage Boards Installation				
	Details of cost for boards area 1 X 2.0=2.0 sqm				
	MATERIAL				
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DSR Ref.	Description	Unit	Quantity	Rate	Amount
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	vertical 1.0 x 2.5 mtr = 2.5 mtr				
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	add wastage @ 10% = .45				
	total 4.95 @ 15.92 kg/m =78.80 kg (C)				
	BASE PLATE 4 mm Thick 2 X .3 X .3 = .18				
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10.16.1	Hot finished welded type tubes	kg			
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2607	Weather Sealant - Non Staining (600 ml)	each			
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2614	SS screw with washer of sizes for structural glazing/ ACP Cladding	each			
8654	Masking tape	metre			
7485	Oxidised M. S. hinges finished with nickel plating 65 mm (Over all width)	metre			
	Area for Acrylic sheet = 1 X 1.2 = 1.2 Sqm				
	Area i/c wastage @ 5% 1.26 m2				
MR	3 mm thick transparent acrylic plastic sheet	Sqm			
	Area of printed vinyle = 1 X 1.2 = 1.2 Sqm				
	Area i/c wastage @ 5% 1.26 m2				
MR	vinyle print on acraylic	Sqm			
MR	Laser cut acrylic letters	nos			
MR	Providing and fixing led light complete with all circuit connections	Nos			
	LABOUR				
102	Blacksmith 1st class	day			
100	Bandhani	day			
114	Beldar	day			
9999	Sundries	l.s.			

Nothing is to be quoted here.

DSR Ref.	Description	Unit	Quantity	Rate	Amount
9999	Sundries (fabrication Acp)	l.s.			
9999	Sundries (fabrication Acrylic)	l.s.			
	Total				
	TOTAL				
	Add 15 % Contractor's profit				
	TOTAL (Finished Rate to be Quoted by the bidder in Rs.)		1	Bidder quote to be filled here, say 'X'	
(B)	Total nos. of these type of signages=1		1	1 multiplied by 'X'	

Civil Work

Sr. no	Description	Unit	Quantity	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	Cum	1.458		
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	0.85		
3	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	Sqm	3.12		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3graded stone aggregate 20 mm nominal size)	Cum	0.13		
5	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	Sqm	10.44		

DSR Ref.	Description	Unit	Quantity	Rate	Amount
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	KG	39.06		
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement	Cum	1.06		
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)				
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	Cum	0.27		
	Cement mortar 1:4 (1 cement : 4 coarse sand)				
9	15 mm cement plaster on the rough side of single or half brick wall of mix :	Sqm	3.96		
	1:4 (1 cement : 4 fine sand)				
10	Providing and fixing 18mm thick gang saw cut mirror polished pre-moulded and pre-polished) machine cut of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels. (Stone for Cladding-Granite Stone of Jet Black Colour)	Sqm	5.58		
(C) TOTAL OF CIVIL WORK					
Total Estimated Cost of the Work without Taxes (A+B+C)					

Signature of Authorized Signatory
Name of the firm with Stamp and Date