



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

“स्पीड पोस्ट द्वारा”

AAI/Engg.(E)/SAP Project/2022-23/W.O./3514-3523

दिनांक: 03.10.2022

सेवा में,

मेसर्स मिराज एडवर्टाइजिंग वर्ल्ड
प्लॉट एन. 280 (470/1), दूसरी मंजिल,
शिवाजी मार्केट, पीतमपुरा,
नई दिल्ली - 110034

To,

M/s Mirage Adverting World
Plot n. 280 (470/1), 2nd floor,
Shivaji Market, Pitampura,
New Delhi - 110034

काम का नाम : नई दिल्ली के सफदरजंग हवाई अड्डे पर DGCA, BCAS, AAIB, AERA और AAI के लिए
संयुक्त परिचालन कार्यालयों का निर्माण

उपशीर्षक: साइनेज का प्रावधान

Name of Work: construction of combined operational offices for DGCA, BCAS, AAIB,
AERA and AAI at Safdarjung Airport, New Delhi.

Sub: Provision of Signages.

Ref: Your Financial e-Bid no. 2022_AAI_125973_1 Opened on 21.09.2022.

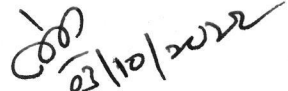
Dear Sir(s),

1. Your E-Tender (item rate) for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, amounting to **37,22,508.00 (Rupees Thirty-Seven Lakh Twenty-Two Thousand Five Hundred Eight Only)** which is **27.43% (Twenty Seven-point Forty Three percent)** below the Justified cost put to tender of **51,29,210.00 (Rupees Fifty One Lakhs Twenty Nine Thousand Two Hundred Ten Only)**.
2. JGM (Engg. -E), Project Office, Safdarjung Airport, New Delhi, shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt. Gen. Manager (Engg.-E), Project Office, Safdarjung Airport, New Delhi within 15 days from the date of issue of this letter to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
3. The earnest money amount 1,02,584/- (Rupees One Lakhs Two Thousand Five Hundred Eighty Four Only) received along with your bid will be treated and converted as part of security deposit as per conditions at Clause 1 (A) on page no. 37 of the tender. Please deposit 2,69,667/- (Rupees Two Lakhs Sixty-Nine Thousand Six Hundred Sixty-Seven Only) towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no 1(A) at page no. GCC 18 of tender document.

4. You are requested to comply with the provisions of contract labour (regulation and Abolition) Act 1970 and Contract labour (regulation and abolition) Central Rules 1971, Child Labour (Prohibition & Regulation) Act 1986, construction workers (Regulation of Employment and Conditions of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996 as specified in Clause-19 on page no. GCC 51 of tender document, minimum wages Act 1948 as specified in Clause- 20, page no. GCC 57 of Tender documents, EPF Act 1952 & ESI Act 1948 as specified in clause 20 & 20 (A) on page no. GCC 57 of Tender documents and rules thereof of Central and State Governments.
5. You are also directed to attend O/o Asstt. Gen. Manager (E-E), Project Office, Safdarjung Airport, New Delhi, to take over the site.
6. Please note that the time allowed for carrying out the work shall be as follows: -
PHASED COMPLETION OF THE WORK- The work has been divided into two parts & requires to be executed in phased manner.
Phase 1: - Item no. 1 to 14 of BOQ except item no. 10. Time allowed for execution – 03 months.
Phase 2: - Item no. 10 of BOQ (Name plate) time allowed for execution – 06 months.
work shall be reckoned from the 10th day after the date of issue of this letter.
7. All correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.
8. In case of non- compliance of GST provisions and blockage of any input credit, it shall be your responsibility to indemnify AAI.
9. The rates are inclusive of all taxes but excluding of GST. However, GST, as applicable, shall be paid to the contractor for any taxable supply/ services/ construction rendered by the agency to AAI against a valid GST invoices as per terms and conditions of the contract.
10. All input credits will be passed on the AAI by you.
11. Please acknowledge the receipt and return the duly signed duplicate copy of this letter (enclosed) to the undersigned as a token of acceptance.
12. The above referred letters/documents shall form part of the agreement.

Enclosure: Schedule of Quantity.

Yours faithfully,


(मुकुल मित्तल)

संयुक्त महाप्रबंधक (अभि.- विधुत),
परियोजना कार्यालय, सफदरजंग एयरपोर्ट, नई दिल्ली
अध्यक्ष, भा.वि.प. के लिए और उनकी तरफ से

N.O.O

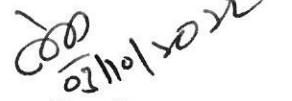
प्रति/ Copy to: (बाहरी / External)

1. श्रम आयुक्त, नई दिल्ली।
2. क्षेत्रीय भविष्य निधि आयुक्त, नई दिल्ली।

अन्तरविभागीय:

1. कार्यपालक निदेशक (अभि.), एम.आई.एस. एवम स्टैंडार्डिजेशन भारतीय विमानपत्तन प्राधिकरण, निगमित मुख्यालय।
2. कार्यपालक निदेशक (वित्त एवं लेखा), भारतीय विमानपत्तन प्राधिकरण, निगमित मुख्यालय।
3. कार्यपालक निदेशक (योजना), भारतीय विमानपत्तन प्राधिकरण, निगमित मुख्यालय।
4. कार्यपालक निदेशक (आईटी), भारतीय विमानपत्तन प्राधिकरण, निगमित मुख्यालय।
5. महाप्रबन्धक (एएस), भारतीय विमानपत्तन प्राधिकरण, निगमित मुख्यालय।
6. उप महाप्रबन्धक (अभि. सिविल), परियोजना डीजीसीए प्रोजेक्ट सफदरजंग हवाई अड्डा नई दिल्ली
7. कार्य फाइल प्रतिलिपि।

(मुकुल मित्तल)



संयुक्त महाप्रबन्धक (अभि.- विधुत),
परियोजना कार्यालय, सफदरजंग एयरपोर्ट, नई दिल्ली
अध्यक्ष, भा.वि.प. के लिए और उनकी तरफ से

Tender Inviting Authority: Airports Authority of India

Name of Work: CONSTRUCTION OF COMBINED OPERATIONAL OFFICES FOR DGCA, BCAS, AAIB, AERA & AAI AT SAFDARJUNG AIRPORT, NEW DELHI. SH: Provision of Signages

Contract No:

SCHEDULE OF WORK / ITEM(S)

Sl.N o	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN- 07ABKPN4676Q1ZP)		INS AND OUT(GSTN-NA)	
					Rate	Amount	Rate	Amount
1.00	MAIN SIGNAGES Design, planning, developing /preparing prototype, Providing & fixing at all heights at one locations hollow Letters/ Brand /Emblem of desired sizes on front and back side (both side) of the signage, made up of Stainless steel, grade 304 (1.5 mm thick returns/ side face and 1.5 mm -2mm thick front face and 25mm thick depth) of approved make made out of laser cut shape in required design, language & font, with handcrafted returns(sides) including PU coating (MRF or approved equivalent) of desired color as per brand guidelines, having the coat of matt/glossy MRF HS Clear or approved equivalent on outer surface, fixed with SS screws/ nut bolt painted with matching color PU Paint. The double MS Frame works shall be of MS Structure (paid seapately at relevant items). The whole fascia front & back shall be covered with 3mm thick aluminium sheet / panel with folding method, so as no screw/ revet from front. The central aea shall have 5mm thick Acrylic sheet as desired colour fixed with aluminium anodised snapon clip frame and shall be illuminated in the back/ side, having 66 IP LED light modules as approved color fixed with heavy duty tape of make 3M/avery dennison or approved equivalent of illumination with appropriate control gears in required numbers and of same make as that of LED, FRLS rated wiring of approved make, IP 66 control gear box of RITTAL/sintex or approved equivalent of suitable size for installation of gears controls, including installation/ fixing on floor using chemical anchor fasteners of HILTI/FISHER or approved equivalent, including all civil foundation as per approved design & shop drawings/ MS Structure (MS structure paid separately at relevant items) works complete as per site requirement, including foundation excavation, refilling, RCC, reinforcement, centering and shuttering and disposal of excess malba etc. complete as desired and directions of Engineer-in-Charge. Fabrication of signage as per following sizes-							
1.01	DGCA/BCAS/AAIB/AERA/AAI DGCA/BCAS/AAIB/AERA/AAI Logo/tower= (2.0x6.38)mt Note: The main sign shall be in two languages ie; English, Hindi	1.00	job		190000.00	190000.00	385400.00	385400.00
2.00	Providing & fixing at all heights and locations Letters made up of Stainless steel, grade 304 of approved make made out of laser cut shape in required design, language & font, including buffing, polishing and fixing by sufficient numbers of tape/ adhesive/fast/nut-bolts / PVC sleeves and Steel screws etc, all complete as per architectural drawings and direction of Engineer in charge. Hollow letters made of SS sheet of 1.5 mm thickness with following size-							
2.01	letters with depth of 25 mm and 250 mm height	114.00	each		1000.00	114000.00	1316.00	150024.00

Handwritten signature

S.N o	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN- 07ABKPN4676Q12P)		INS AND OUT(GSTN-NA)	
2.02	letters with depth of 15 mm and 100 mm height	746.00	each		400.00	298400.00	564.00	420744.00
3.00	Providing & fixing pictograms in 304 grade 1.5 mm thick brush finished Stainless steel sheet at all levels and locations prepared using silk printing technology/ etching, filling with industrial paint in required colours and baking to the required condition at required temperature for obtaining desired shine and gloss, in required font, design, pattern and size including buffing, polishing etc. The signages sheet to be fixed on black powder coated minimum 9.4 mm wide slim aluminum frame profile as approved using with 3M VHB double sided tape of 12mm width/ high quality chemical tape of approved make on prepared surface, including fixing over walls/door/ceiling hanging / partition/glass etc as per site condition required, all complete as per architectural drawings and direction of Engineer in charge. The pictograms should be following size-							
3.01	(size 250 mmx 250mm)	152.00	each		900.00	136800.00	1598.00	242896.00
3.02	(size 450 mmx 250mm)	23.00	each		1620.00	37260.00	3008.00	69184.00
4.00	Photoluminous Signage (Emergency Exit) Providing & fixing Photo luminous signage at all levels and locations, informatory/ directional/warning signages in required font, design, pattern and size made of 3 mm thick odorless Acrylic sheets of make A-Cast/ Acrylite/ or approved equivalent, conforming to specific gravity of 1.19, tensile strength of 69 MPA, percentage elongation of 4.2 %, modulus of elasticity 2800 MPA (ASTM -D638), refractive index of 149, (ASTM-D542) Rockwell hardness of M94 (ASTM - D785), water absorption of 0.2 % (ASTM- D570) total light transmission of 92 % (ASTM - D 1003) chemical, UV & weather resistant, having excellent insulation properties, abrasions resistant of approved color, of approved quality and make, with beveled edges having self-adhesive self-luminescent vinyl sheet (film thickness >150 micron, luminescent duration minimum 4 hours) of make 3M/ avery dennison or approved equivalent over which the signage/ letter cutout/ clear printing made of vinyl sheet (film thickness > 80 micron) of make 3M/ avery dennison or approved equivalent is pasted in required colour, font, design, pattern, including fixing over walls/ceiling hanging / partition/glass etc as per side condition required etc. The signages sheet to be fixed on black powder coated minimum 9.4mm wide slim aluminum frame profile as approved using with 3M VHB double sided tape of 12mm width / high quality chemical tape of approved make on prepared surface, all complete as per architectural drawings and direction of Engineer in charge. Size as per following-							
4.01	Size (900mmx255mm)	33.00	job		2160.00	71280.00	2030.00	66990.00
4.02	Size (1200mmx255mm)	8.00	job		2880.00	23040.00	2707.00	21656.00
4.03	Size (300mmx450mm)	18.00	job		1296.00	23328.00	1218.00	21924.00
4.04	Size (300mmx300mm)	22.00	job		864.00	19008.00	812.00	17864.00
4.05	Size (1800mmx465mm)	8.00	job		7776.00	62208.00	7309.00	58472.00
4.06	Size (2100mmx465mm)	24.00	job		9072.00	217728.00	8527.00	204648.00
4.07	Size (150 mm x 215 mm)	100.00	job		288.00	28800.00	304.00	30400.00
4.08	Size (200 mm x 285 mm)	35.00	job		480.00	16800.00	541.00	18935.00
4.09	Size (900 mm x 465 mm)	15.00	job		3888.00	58320.00	3857.00	57855.00
4.10	Size (1200 mm x 465 mm)	12.00	job		5184.00	62208.00	5143.00	61716.00

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Sl.No	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN-07ABKPN4676Q1ZP)		INS AND OUT(GSTN-NA)	
4.11	Size (1500 mm x 255 mm)	9.00	job		3600.00	32400.00	3384.00	30456.00
4.12	Size (2400 mm x 465 mm)	3.00	job		10368.00	31104.00	10334.00	31002.00
5.00	Photoluminous Signage (Fire evacuation plan) Providing & fixing Photo luminous signage at all levels and locations, Fire evacuation plan signages in required font, design, pattern and size made of 3 mm thick odorless Acrylic sheets of make Cast/ Acrylate/ or approved equivalent, conforming to specific gravity of 1.19, tensile strength of 69 MPA, percentage elongation of 4.2 %, modulus of elasticity 2800 MPA (ASTM -D638), refractive index of 149, (ASTM-D542) Rockwell hardness of M94 (ASTM - D785), water absorption of 0.2 % (ASTM- D570) total light transmission of 92 % (ASTM - D 1003) chemical, UV & weather resistant, having excellent insulation properties, abrasions resistant of approved color, of approved quality and make, with beveled edges having self adhesive self luminescent vinyl sheet (film thickness >150 micron, luminescent duration minimum 4 hours) of make 3M/ Avery Dennison or approved equivalent over which the signage/ letter cutout/ clear printing made of vinyl sheet (film thickness > 80 micron) of make 3M/ Avery Dennison or approved equivalent is pasted in required colour, font, design, pattern, including fixing over walls/ceiling hanging / partition/glass etc. The signages sheet to be fixed on black powder coated minimum 9.4 mm wide slim aluminum frame profile as approved using with 3M VHB double sided tape of 12mm width / high quality chemical tape of approved make on prepared surface including fixing over walls/ceiling hanging / partition/glass etc as per site condition required, all complete as per architectural drawings and direction of Engineer in charge.							
5.01	Size (595mm x 420mm)	50.00	job		3024.00	151200.00	2350.00	117500.00

SLN o	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN- 07ABKPN4676Q1ZP)		INS AND OUT(GSTN-NA)	
6.00	Emergency Direction signs-Illuminated Providing & fixing illuminated emergency sign including all operation from fabrications to installation all complete as per drawings, technical specifications signage schedule and to the satisfactions of the Engineer in charge. Sign face sign face shall be made in 5mm thick laminated acrylic (as specified) having graphics pasted on the inside with translucent white vinyl pasted over plotter cut translucent vinyl. The plotter cut translucent vinyl to match the specified colour (colour pantone XXXX) and of specified make duly approved by the Engineer in charge. Sign Box The sign box 80mm deep shall be made out of 1.6mm thick CRCA MS sheet fabricated and provided same with material support channel and ties welded to sign channel. All fabrications shall be done using CNC machines. Sign box shall be provided with openings with mesh from inside for ventilation. Complete sign box including channel supports are to be powder coated to match RAL 9016. Sign box flange receiving the sign face shall be provided with slots to receive the rivets to fix the sign frame. Lighting All internal illumination shall be using power LED strip edge light with electronic controllers, with 90 minutes UPS / solid state circuit battery back up having even spread and overlaps to avoid banding and dark spots. Cost to include all internal connections and Wiring, terminating and connecting the incoming cable laid by Existing contractor at the site . Accessories Providing and fixing all accessories such as thimbles, end connectors, nut-inserts, bolt washers, Hanging arrangement (chain/clutch wire) if required nuts etc. all complete as per architectural drawings and direction of Engineer in charge. Size as per following-							
6.01	Size (530mm X 255mm)	41.00	job		6000.00	246000.00	4230.00	173430.00
6.02	Size (675mm x 255mm)	20.00	job		7000.00	140000.00	5452.00	109040.00
6.03	Size (925mm x 255mm)	12.00	job		8000.00	96000.00	7332.00	87984.00

Sl.N o	Description of Work / Item(s)	No. of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN- 07ABKPN4676Q1ZP)		INS AND OUT(GSTN-NA)	
7.00	Retro-Reflectorised Traffic Signs - Cautionary, Mandatory & Informatory (Double sided / single sided) Supply, Assembly, Installation, connecting, testing and commissioning of sign boards as shown in the drawing made of Micro prismatic type retro-reflective sheeting conforming to Type-XI (3M/ avery dennison make) sheeting of ASTM-D4956 and IRC 67:2010, pasted on 2 mm thick aluminium sheet. The front side is to be covered with Micro Prismatic Retro-reflective sheeting with coloured electro-cut sheeting as per approved colour scheme. The board shall be pasted with the help of double sided very high bond tape on the back frame made of MS angle of size 75x75x6mm including installation of the same with 1 no. of 80mm dia epoxy painted seamless medium class MS pipe at a height so that the bottom of sign board shall be at a minimum height of 2.10 Mtr above the road. The MS Pipes shall be fixed on foundation with 4 nos of 12mm dia 500 mm long J type foundation bolt casted in foundation of nominal size 600mmx600mmx800mm deep made with M-25 ratio cement concrete on PCC 1:5:10 ratio of size 600mmx600mmx100mm thick complete as per special condition of contract and approved design & shop drawings including foundation excavation, refilling, RCC, reinforcement, centering and shuttering and disposal of excess malba etc. all complete as desired and direction of Engineer in charge. Size as per following-							
7.01	Pole Mounted sign board Size (1200 x 900)mm	4.00	job		12000.00	48000.00	1833.00	7332.00
7.02	Pole Mounted sign board Size (600 dia) mm	8.00	job		12000.00	96000.00	11750.00	94000.00
7.03	Pole Mounted sign board Size (600 x 600) mm	1.00	job		11000.00	11000.00	11750.00	11750.00
7.04	Pole Mounted sign board Size (900 x 450) mm	2.00	job		12000.00	24000.00	10810.00	21620.00
7.05	Pole Mounted sign board Size (450 x 450) mm	2.00	job		12000.00	24000.00	963.00	1926.00
7.06	Size (3600 x 450)mm	2.00	job		24000.00	48000.00	21150.00	42300.00
8.00	Entrance / Floor directory Design, Supply and fixing of Non illuminated sign 1.5mm thick Stainless Steel sheet 304 grade as shown in the drawing with the Message to be cut of 3M make black opaque Vinyl film letters to be cutout and mounted onto Stainless Steel sheet surfaces complete as required and directions of the Engineer-In-Charge. The signages sheet to be fixed on black powder coated minimum 9.4mm wide slim aluminum frame profile as approved using with 3M VHB double sided tape of 12mm width / high quality chemical tape of approved make on prepared surface ncluding fixing over walls/ceiling hanging / partition/glass etc as per side condition required, all complete as per architectural drawings and direction of Engineer in charge.	35.00	sqm		7000.00	245000.00	9400.00	329000.00
9.00	Providing and fixing retro reflective sign, made out of 3mm thick CNC cut Aluminium composite panel sheet of (Aludecore / Alucobond make) made of Micro prismatic type retro-reflective sheeting conforming to Type-XI (3M/ avery dennison make) sheeting of ASTM-D4956 and IRC 67:2010 of yellow colour or as approved colour pasted over it and display matter in Digital vinyl print on clear vinyl duly laminated and pasted over the retro reflective sheeting. The sign to be fixed on wall/ column using required number of screws and PVC sleeves, all complete and directions of the Engineer-In-Charge. (Size of letter 400 x 400 mm)	1236.00	each		384.00	474624.00	625.00	772500.00

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SL.N o	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN- 07ABKPN4676Q1ZP)		INS AND OUT(GSTN-NA)	
10.00	Name Plate Design ,Supply and fixing of Non-illuminated sign 1.5mm thick Stainless-Steel sheet 304 grade as shown in the drawing with the Message to be cut of 3M make black opaque Vinyl film letters to be cutout and mounted onto Stainless Steel sheet surfaces complete as required and directions of the Engineer-In-Charge. The signages sheet to be fixed on black powder coated minimum 9.4mm wide slim aluminum frame profile as approved using with 3M VHB double sided tape of 12mm width/ high quality chemical tape of approved make on prepared surface including fixing over walls/ceiling hanging / partition/glass etc as per side condition required, all complete as per architectural drawings and direction of Engineer in charge. Note: The Name plate sign shall be in two languages i.e. Hindi & English Size as per following or site requirement-							
10.01	(size - 400x165)	14.00	sqm		8000.00	112000.00	9400.00	131600.00
10.02	(size - 270 x250)	27.00	sqm		8000.00	216000.00	9400.00	253800.00
10.03	(size - 275x275)	2.00	sqm		8000.00	16000.00	9400.00	18800.00
11.00	Road Studs Providing of Raised Pavement Markers made of polycarbonate moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kg tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.06. 1997 or as per updated circular. The height, width and length shall not exceed 20 mm, 105 mm and 105 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. Fixing will be without nails but by using twin polymer shanks using epoxy resin based adhesive as per manufacturer's recommendation including site clearance etc and complete as directed by the Engineer in charge.	350.00	each		110.00	38500.00	164.00	57400.00
12.00	Median Marker Providing of median marker made of tough, high impact resistant, injection- moulded, thermoplastic body with an isosceles trapezoidal structure of length, width and height not less than 12 cm, 10 cm and 10 cm respectively and thickness not less than 1.8 mm. The Median Marker shall have fluorescent yellow color retro-reflective sheeting of size not less than 8.5 cm x 8.5 cm and with fully reflective micro prismatic sheeting as its retro-reflective elements and meets ASTM D 4956-09 type XI as per IRC-67:2010, Table 6.9 specifications and the sheeting manufacturer's name shall be embossed on median marker. The retro-reflective sheeting shall be one side or both sides of the Median Marker as per the requirement and shall be edge protected with no exposed edges that prevent edge lifting, vandalism, sheeting damage etc. The Median Marker shall be fixed by a combination of epoxy adhesive and grouting etc complete as directed by the Engineer in Charge. The Median Marker is embedded in M-15 cement concrete in pit size 200 mm X 200 mm X 300 mm.	350.00	each		210.00	73500.00	164.00	57400.00

Sl.N o	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	Mirage Advertising World(GSTN- 07ABKPN4876Q1ZP)		INS AND OUT(GSTN-NA)	
13.00	Providing and fixing made of Micro prismatic type retro-reflective sheeting conforming to Type-XI (3M/ avery dennsion make) sheeting of ASTM-D4956 and IRC 67:2010 of required colour, to be fixed directly on wall / glass or any other smooth surface and direction by Engineer in charge.	15.00	sqm		4000.00	60000.00	1908.00	28620.00
14.00	Steel work welded in built up sections/ framed work, including cutting,hoisting, fixing in position and applying a priming coat of approved steel primer and Epoxy paint using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1500.00	kg		120.00	180000.00	131.00	196500.00
Total in Figures						3722508.00		4402668.00

CP