

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

सं. स:म:प्र: / देवघर / स. म.प्र (अभि-वि:) / पेरीमीटर/का.आ. -04 /582 दिनांक- 19.01.2021
No. AAI/Deoghar/AGM(E-E)/ Perimeter/WO-04 /582 Date- 19.01.2021

सेवा में,

मैसर्स आर भी डी इंफ्रा सलूशन
9, अमरनाथ इंडस्ट्रियल पार्क,
ऑपोजिट. मैज प्रोडक्ट
नियर विजय टिम्बर मार्क,
ओडव-सिंगरवा रोड, सिंगरवा
अहमदाबाद-382430

To,
M/s RVD Infra Solution Pvt. Ltd.
9, Amarnath Industrial Park,
Opp. Maiz products
Near Vijay Timber Mart,
Odhav-Singarva Road, Singarva,
Ahmedabad-382430

कार्य का नाम— प्रोविजन ऑफ़ पेरीमीटर रोड लाइटिंग एयरपोर्ट अथॉरिटी ऑफ़
इंडिया देवघर एयरपोर्ट में .

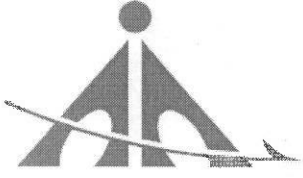
Name of Work: - **Provision of Perimeter Road Lighting at AAI, Deoghar Airport,
Deoghar**

संदर्भ आपकी खोली गई ई-निविदा दिनांक-10.12.2020 (Tender ID: 2020_AAI_58893_1)

Ref: 1) Your e-bid opened on 10.12.2020 (Tender ID: 2020_AAI_58893_1)

महोदय,
Dear Sir,

1. उल्लेखित, कार्य हेतु आपकी ई-निविदा के अनुसार आपके द्वारा उद्धृत कुल रु.1,55,75,413.00 (मात्र एक करोड़ पचपन लाख पचहत्तर हजार चार सौ तेरह रुपया) सभी करें सहित (जी.एस.टी. को छोड़कर) शामिल हैं, की नियत मद दर पर अध्यक्ष, भारतीय, विमानपत्तन प्राधिकरण की ओर से एतद् द्वारा स्वीकृत की जाती है, जो कि निविदा की अनुमानित लागत रुपया 2,18,29,297.00 से 28.65% कम है।



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Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 1,55,75,413.00. (Rupees One Crore Fifty-Five Lakhs Seventy-Five Thousand Four Hundred Thirteen Only) inclusive of all taxes excluding GST, which is 28.65% below the estimated cost put to tender of Rs 2,18,29,297.00.

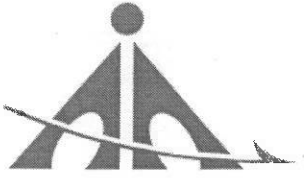
2. उप महाप्रबंधक (अभि-वि.) परियोजना, भारतीय विमानपत्तन प्राधिकरण, देवघर हवाई अड्डा, देवघर, झारखण्ड इस कार्य के इंजीनियरिंग प्रभारी होंगे। आपसे अनुरोध है कि आप संविदा करार पर हस्ताक्षर करने एवं उसे पूरा करने हेतु 29.01.2021 तक उप महाप्रबंधक (अभि-वि.) भारतीय विमानपत्तन प्राधिकरण, देवघर हवाई अड्डा, देवघर, झारखण्ड-814114 के कार्यालय में उपस्थित हों। संविदा करार रु.100/- (मात्र सौ रुपये) के न्यायिकेतर (नॉन-जूडिशियल) स्टाम्प पेपर पर बनाया जाएगा तथा स्टाम्प पेपर की लागत आपके द्वारा वहन की जाएगी।

DGM (E-E), AAI, Deoghar Airport, Deoghar, shall be the Engineer-in-Charge of the work. You are requested to attend the office of DGM(E-E), AAI Deoghar Airport by 29.01.2021 to sign and complete the contract agreement. The contract agreement shall be executed on a nonjudicial stamp paper of value Rs. 100.00 and the cost of the stamp paper shall be borne by you.

3. आपकी निविदा के साथ प्राप्त रु. 4,36,586.00 (मात्र चार लाख छत्तीस हजार पांच सौ छियासी रुपया) की अग्रिम धन राशि को संविदा दस्तावेज के पृष्ठ 15 के खण्ड 17 के अनुसार प्रतिभूमि जमा के प्रयुक्त तथा संपरिवर्तित किया जाएगा। कृपया इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर शेष प्रतिभूति जमा के रूप में रु. 11,20,955.00 /- (मात्र ग्यारह लाख बीस हजार नौ सौ पचपन रुपए) जमा करें अन्यथा इस राशि की कटौती निविदा कागजात के पृष्ठ 32 के खण्ड 1 A के अनुसार आपके चालू बिलों से कर ली जाएगी।

The earnest money amount of Rs. 4,36,586.00 (Rupees Four Lakhs Thirty-Six Thousand Five Hundred Eighty-Six only) received along with your tender will be treated and converted as part of security deposit as per Notice Inviting e-tender Clause No. 17 on page no. 15 of contract document. Please deposit Rs. 11,20,955.00 (Rupees Eleven Lakhs Twenty Thousand Nine Hundred Fifty-Five Rupees 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. 1A at page no. 32 of tender document.

4. आप से अनुरोध है कि आप संविदा श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 तथा संविदा श्रम (विनियम एवं उन्मूलन) केंद्रीय नियम 1971 एवं न्यूनतम मजदूरी अधिनियम के प्रावधानों और बाल श्रम (निषेध और विनियम) अधिनियम 1986, निर्माण कार्यकर्ता (रोजगार और सेवा की शर्त का विनियम) अधिनियम 1996, भवन और अन्य निर्माण श्रमिक कल्याण उपकरण अधिनियम 1996 के खण्ड 19 (ए से एम) पर पृष्ठ 69 से 75 में निर्दिष्ट है और केंद्रीय व राज्य सरकारों के तदसंबंधि नियमों का अनुपालन करें।



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You are requested to comply with the provision 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 Condition of Service) Act 1996, as specified in Clause 19 (A to M) on page no 69 to 75 of tender document and rules of Central and State Government.

5. आपको प्रबंधक (अभि-वि.) भारतीय विमानपत्तन प्राधिकरण, देवघर हवाई अड्डा, देवघर से तत्काल संपर्क करने के लिए निर्देशित किया जाता है, जो कि आपको कार्यस्थल (साइट) सौंपने की व्यवस्था करेंगे।

You are also directed to contact Mgr(Engg-Elect), Airports Authority of India, Deoghar Airport, Deoghar immediately who will arrange to hand over the site to you.

6. कृपया नोट करें कि कार्य पूरा करने के लिए आपको 04 महिना का समय प्रदान किया जाता है जो इस पत्र के जारी होने के 10वें दिन से प्रारम्भ माना जाएगा।

Please note that the time allowed for carrying out the work shall be 04(Four) month and same shall be reckoned from the 10th day from the date of issue of this letter.

7. आपकी निविदा एवं इस कार्य के संदर्भ में उल्लिखित पत्र, इस पुरस्कार पत्र सहित करार का हिस्सा होंगे। कृपया नोट करें कि दोष दायित्व अवधि(LED लाईट फिचर 05 वर्ष का होगा।) SCC clause No.14 Page No.172 के अनुसार(12) बारह महीने होगी /

(Your tender mentioned above under the reference for this work shall form part of the agreement along with this awarded letter. Please note that the defect liability period shall be. (12) Twelve Months except LED Light Fixtures (DLP for LED Light Fixtures shall be 05 years) as per SCC clause No.14 Page No. 172.

8. निविदा के संबंध में भविष्य में किसी भी प्रकार का पत्र की व्यवहार सामान्य रूप से इंजीनियर-प्रभारी के नाम से किया जाएगा।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.

9. कृपया पत्र की पावती भेजें तथा साथ में संलग्न इस पत्र की दूसरी प्रति पर स्वीकारोक्ति के रूप विधिवत् हस्ताक्षर करके हमें वापस भेजें।



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Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after duly signing it to the undersigned as a token of acceptance.

10. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।

In case of any discrepancy, English version will be taken as correct.

भवदीय
Yours faithfully,

(पवन कुमार सिंह)

(Pawan Kr. Singh)

9570121290

स: महाप्रबंधक (अभि-वि)

AGM.(Engg-Elect)

के लिए एवं तरफ से अध्यक्ष

For and on behalf of the Chairman,

भारतीय विमानपत्तन प्राधिकरण

Airports Authority of India.

Bill of Quantity- 03 Pages

Tender Inviting Authority: AGM (Engg-Elect), AAI, Deoghar Airport, Deoghar.

Name of Work: Development of Deoghar Airport

SH: Provision of Perimeter Road Lighting at AAI, DEOGHAR Airport.

Contract No:

Name of the Bidder/ Bidding Firm / RVD INFRA SOLUTION PVT LTD AHMEDABAD

Sl. No.	Item Description	NUMBER #	Quantity	TEXT #	Units	RATE in Figures (Excluding GST) To be entered by the Bidder Rs. P	NUMBER #	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT in Words	TEXT #
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(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

PRICE SCHEDULE

1	Supply of 50mm high hot dip galvanised Outgoing poles designed to withstand the maximum wind speed as per IS- 875. Poles shall be Made of Materials Hot Rolled Non Alloy Structural steel complying IS-2062 Grade: E 350 / BS EN 10025 AN Grade: S355 with bottom dia 130mm and Top dia 70mm. The poles shall be hot dip galvanised (Minimum coating 65 microns) as per IS-4739:1996/ IS-3629: 1985/ BS EN ISO1461.	4	364.00	5	Each	13	3960.00	53	1520640.00	INR Fifteen Lakh Twenty Thousand Six Hundred & Forty Only	55
2	HT steel sheet base plate of size 200X200X12mm complying IS- 2062 / BS EN 10025 AN and Cap Type (Cap length Minimum 300mm) Single arm bracket of 0.5 meter long (With B class G.I Pipes) suitable for (Mount with light fixture/cable-entry & exit and earthing lug-including 4nos of M16X150mm long 1/2" type EN 8 grade or equivalent grade steel foundation bolts along with template etc., complete as required.										
1	Note: 1.The down opening of the poles should be waterproof with Reinforcement flat, locking arrangement and 01 no 6amp. MCB with provision of connector for connection of incoming and outgoing cable size 4C X 25sqm. etc. 2. The tilt angle of bracket shall be decided based on Lux level design as per requirement at site & The tilt angle may not be same for all poles.										
2	Installation, testing & Commissioning of 50mm high hot dip galvanised poles on existing foundation including giving level for light at pole. Numbering of Poles as per instruction of E.I.C complete as required.		364.00		Each		110.00		42240.00	INR Forty Two Thousand Two Hundred & Forty Only	
3	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth head upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge. All kinds of soil.		77.00		Cum		770.00		59290.00	INR Fifty Nine Thousand Two Hundred & Ninety Only	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering. All work up to plinth level 1:3:10 (Cement : 3 fine sand : 10 graded stone aggregate 40 mm nominal size)		19.00		Cum		4950.00		94050.00	INR Ninety Four Thousand & Fifty Only	
5	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement including centering & shuttering. - All work up to plinth level. 1:1.5:3 (Cement : 1.5 coarse sand (zone III): 3 graded stone aggregate 20 mm nominal size)		49.00		Cum		3685.00		180555.00	INR One Lakh Eighty Thousand Five Hundred & Sixty Five Only	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding, all complete upto plinth level Thermo-Mechanically Treated bars of grade Fe-415 or more		2502.00		Kg		65.00		137610.00	INR One Lakh Thirty Seven Thousand Six Hundred & Ten Only	
7	Supply of high pressure die-cast aluminium / Standard alloy housing having system lumens output not less than 950 lumens and system efficacy not less than 110 lumens / watt-35 Watt (Max) road way/ street light fitting, i/c necessary electronic driver, LED lamps suitable to operate on 230V ac power supply with connector etc as per tender specifications complete as required.		364.00		Each		1870.00		718090.00	INR Seven Lakh Eighteen Thousand & Eighty Only	
8	Installation, testing & Commissioning of LED street light fitting on existing pole-supplying and drawing 3 X 2.5sqm PVC insulated copper conductor single core cable in the pole from fitting to MCB including connection testing and commissioning as required		364.00		Each		176.00		67584.00	INR Sixty Seven Thousand Five Hundred & Eighty Four Only	
9	Supply of following sizes XLPE insulated & PVC sheathed, 11 KV grade, aluminium conductor, armoured power cable conforming to IS- 7098, Part-1/1988 with upto date amendments										
9.01	3"-X-240 sq. mm		500.00		Meter		631.00		315500.00	INR Three Lakh Fifteen Thousand Five Hundred Only	

9.02	7/11 X 185 sq. mm	11000.00	Meter	484.00	5324000.00	INR Fifty Three Lakh Twenty Four Thousand Only
9.03	4 X25 sq. mm	12800.00	Meter	107.00	1359500.00	INR Thirteen Lakh Sixty Nine Thousand Six Hundred Only
10	Supply of following sizes HDPE pipes as per specification enclosed in tender document etc. as required.					
10.01	90 mm dia DWG HDPE pipe Conforming IS- 16205 part 24 / IS 14994 part -II	11010.00	Meter	82.00	902820.00	INR Nine Lakh Two Thousand Eight Hundred & Twenty Only
10.02	40 mm dia PLB HDPE Pipes Conforming TEC specification (OD 40mm ID 35mm).	12852.00	Meter	50.00	642600.00	INR Six Lakh Forty Two Thousand Six Hundred Only
11	Laying the following sizes HDPE pipe including digging the earth in such a way that the top of pipe shall not be less than 750 mm below to ground level and rodding with excavated soil etc. Complete as required. Job also includes the interconnection of HDPE pipes with standard accessories, connection etc. as required.					
11.01	90 mm dia	11010.00	Meter	55.00	605550.00	INR Six Lakh Five Thousand Five Hundred & Fifty Only
11.02	40 mm dia	12852.00	Meter	55.00	706650.00	INR Seven Lakh Six Thousand Eight Hundred & Sixty Only
12	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size in the existing RCC/HUME/METAL/ HDPE pipe as required.					
12.01	upto 35 sq. mm	12800.00	Meter	33.00	422400.00	INR Four Lakh Twenty Two Thousand Four Hundred Only
12.02	Above 35 sq. mm and upto 185 sq. mm	11000.00	Meter	55.00	605000.00	INR Six Lakh Five Thousand Only
12.03	Above 185 sq. mm and upto 400 sq. mm	200.00	Meter	88.00	17600.00	INR Seventeen Thousand Six Hundred Only
13	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.					
13.01	Above 185 sq. mm and upto 400 sq. mm	300.00	Meter	88.00	26400.00	INR Twenty Six Thousand Four Hundred Only
14	Supplying and making and termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 grade as required.					
14.01	31/2 X 240 Sq. mm.	4.00	Set	1320.00	5280.00	INR Five Thousand Two Hundred & Eighty Only
14.02	31/2 X 185 Sq. mm.	14.00	Set	1100.00	15400.00	INR Fifteen Thousand Four Hundred Only
14.03	4 X 25 sq. mm	782.00	Set	242.00	189244.00	INR One Lakh Eighty Nine Thousand Two Hundred & Forty Four Only
15	Supplying and making straight through joint with cast resin compound ferrules and other joining materials for following size of PVC insulated and PVC sheathed/ XLPE aluminium conductor cable of 1.1 grade as required.					
15.01	31/2 X 185 Sq. mm.	8.00	Each	8800.00	70400.00	INR Seventy Thousand Four Hundred Only
16	Earthing with G.I. pipe 4.5 m long x 40 mm dia. including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (with barrel or coil and soil) complete as required.	48.00	Set	8800.00	422400.00	INR Four Lakh Twenty Two Thousand Four Hundred Only
17	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	24300.00	Meter	11.00	267300.00	INR Two Lakh Sixty Seven Thousand Three Hundred Only

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16	Feeder pillars of perimeter light PTTA TYPE PANEL Design, Manufacture, Supplying, Transport to the site, Receiving, Unloading, Shifting in various locations, handling, assembling, installation in correct aligned position, greening with dash fasteners, CI nuts-bolts, testing and commissioning of the following fabricated in compartmentalized conforming IS: 8623/1993. Suitable for 415V, 3 phase-4 wire 50Hz AC supply, are house-stand CRCA sheet steel of 2mm thick for frame work stand covers, 3mm thick for gland plate, bottom base of size 90 x 50 x 6 mm MS angle for base with front & back side hinged door with locking arrangement for MCB/MCC and SPDs etc., including cleaning & finishing, complete, 50MC has bar supports with short circuit with stand capacity of 36kA for 1 Sec. - fabrication shall be done in transparent sections and all front and back sections shall be hinged type and earth with frame. Entire panel shall have a Aluminium continuous earth bar of size 30mm x 6mm or as specified below at the rear with 2 Nos. earth stud at each side, inter connections bus bar to switch gears upto cable ally, bus bars and control wiring with suitable size of FRLS PVC insulated copper conductor cable, cable allys, cable gland plate in two half, including providing following switch gears. The Bus bars will be Copper purity 99.9% / electrolytic grade E91 Aluminium duty slotted with Helogen Free heat shrink coloured insulated tube conforming to IEC 60683-3, 247 Standard. Provide electrical insulating shrouds, reusable type covers for bus bars Bottom corners. Panels will be powder coating (60-80 microns per sq.ft) 3671 for indoor and 90-100 microns for outdoor, include one size higher terminal block in cable ally and interconnecting wires between bus bars and terminals via MCB/MCCB rating 100A. All Bus-Bar ally and relay compartments shall be provided with fully automatic control thermostat with strip heater. 50T of outdoor type double door for feeder pillar made of 2 mm thick CRCA sheet steel duty epoxy powder coated (by sown tank process) 50 x 50 x 6 mm MS angle for base with front & back side hinged door with locking arrangement, providing necessary brick foundation, painting etc. and fitting the following switchgears 1/6 interconnections etc. suitable to connect incoming cable size minimum 3.5 x 185 sq.mm and outgoing of 1.5 x 185 sq.mm, 4 x 225sq.mm cable complete as required. a) 100 amps, TPN, Aluminium busbars with insulation. b) Incoming : 4 pole, 63amp, MCCB, 25 KA., - 01 No. (6) Outgoings : 4 pole, 63 amp, MCCB, 25 KA., - 1no. TPN, 25 amp, MCB - 02 nos. c) 20 Amp, ACB, 3 pole, power conductor, coil voltage 240 V, 2NO + 2NC, M.L. 4, - 1no. d) Day Time Switch - 1no. e) Toggle switch for auto manual - 1no. f) Lamp holder - 1 no. g) 5A switch - 1 no. h) 15A socket with switch - 1 no. i) 15A switch - 1 no. j) 15A socket with switch - 1 no. k) RYB indication lamp at 1/3s and On indication lamp at each 1/3, 8/C and O/Cs.	7.00	Job	82500.00	577500.00	INR Five Lakh Seventy Seven Thousand Five Hundred Only
19	Main outdoor LT Panel for Perimeter light (PTTA Type) Supply, installation, testing & commissioning of outdoor tubular type compartmentalized floor mounted free standing with separation system for 415V, 304Hz, 3 phase 4 wire AC supply, moisture, dust and vermin proof IP-65, including extra canopy on MS frame for protection from rain. L.T Panel boards, made out from 2mm thick CRCA sheet steel duty epoxy powder coated (by sown tank process) in approved colour, complete with interconnections / control / power wiring with FRLS copper conductor wires & 2A SP MCCBs for control circuits, communication cables shall be with software, high conductivity Aluminium bus bars, earth bus bar supports, removable 3mm thick gland plates on top & bottom, M.V. danger notice plate, busbars and following incoming and outgoing feeders (outgoings will be with ON indication with 2A control MCB) complete as per specifications and drawings suitable to connect incoming cable size minimum 3.5 x 240 sq.mm and outgoing of 3.5 x 185 sq.mm cable complete as required. 250 A, 4 pole 33/36kA MCCB with thermal magnetic based protection release (O/L, S/C & E/F), extended rotary handle mechanism, 3NOs, 250A CT/N1 no. CT operated digital disintegration meter with minimum main parameters like V, A, Hz, P, W, KW, KWH, MDI & communication port & software, selector switch, control MCCBs, 3- Nos. Phase & ON-OFF indicating LED lights with control MCCBs - 250A. BUSCOPILER 250 A, 4 pole 33/36kA MCCB without protection, extended rotary handle mechanism, ON-OFF indicating, LED lights with control MCCBs - 150A Mechanical lock with KEY for incoming & bus coupler MCCBs interlocking, 3 sets Electrical interlocking for incoming & bus coupler MCCBs interlocking, 3 sets BUS BAR - 300A, 415V, three Phase 4 wire, four equal rating, colour coded, nonadhesive PVC insulated electrolytic Al conductor bus bars OUTGOINGS 100 A, 4P MCCB, 35kA MCCB thermal magnetic based protection release with extended rotary handle mechanism, ON LED indicating, light with suitable control MCB - 08 Set	1.00	Job	220000.00	220000.00	INR Two Lakh Twenty Thousand Only
20	Constructing brick masonry multi-hole chamber of min dimension inside 750mm(L) x 500mm(W) x 900mm(D) with medium class bricks in cement mortar 1:4 (1 Cement: 4 Coarse Sand) RCC top slab with min 124 Cement Concrete (1 Cement: 2 Coarse Sand: 4 Graded Stone aggregate 20 mm nominal size), inside and exposed outside plastering 12 mm thick with cement mortar 1:4 (1 Cement: 4 Coarse Sand) including putting the RCC trench cover to the chamber etc. complete as required.	50.00	Each	605.00	30250.00	INR Thirty Thousand Two Hundred & Fifty Only
21	Supplying and making cable route marker with control concrete 124 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) of size 60 cm x 60 cm at the bottom and 50 cm x 50 cm at the top with a thickness of 10cm including installation duly engraved as required.	50.00	Each	385.00	19250.00	INR Nineteen Thousand Two Hundred & Fifty Only
Total in Figures					15575413.00	INR One Crore Fifty Five Lakh Seventy Five Thousand Four Hundred & Thirteen Only
Quoted Rate in Words		INR One Crore Fifty Five Lakh Seventy Five Thousand Four Hundred & Thirteen Only				

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