



AAI/AGT/ENGG(E)/AWARD-01/2020-21/

23/12/2020
24

To,

M/S S.ADITYA IMPLEX Pvt. LTD
B-534, Sushant Lok-I
Gurgaon-122002

Subject: Construction of New Integrated terminal building & Associated works at Agartala Airport. **SH:- SITC of Tyre killers, bollards, Boom barriers and Sliding gate etc**

Ref.: Tender ID No. **2020_AAI_60913_1**

Dear Sir,

Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India at the item rates quoted by you totaling to **Rs. 2,16,02,000/-** (Rupees Two Crore Sixteen Lakh and Two Thousand Only) which is 21.22% below the Justified cost put to tender of Rs. 2,74,21,667.00/- excluding GST.

Jt. General Manager (Engg-E), AAI, Agartala Airport shall be the Engineer-In-Charge of the work. You are requested to attend the office of the Jt. General Manager (Engg-E), AAI, Agartala Airport by **07/01/2021** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.200 /-** (Rupees Two hundred only) and the cost of the stamp paper shall be borne by you.

The earnest money amount of **Rs. 5,54,360.00/-** (Rupees Five Lakh Fifty Four Thousand Three Hundred and Sixty Only) received along with your tender will be treated and converted as part of security deposit as per clause 1(A) on page 16 of tender contract document. Please deposit **Rs.16,05,840 (Rupees Sixteen Lakh Five Thousand Eight Hundred and Forty Only)** towards security deposit within 10 days from the date of issue of this letter, failing which the same will be deducted from your running bill as per condition 1(A) on page 16 of the contract document.

You are requested to comply with the provisions of contract labour (Regulation and abolition) Act 1970 and contract labour (Regulation & abolition) Central rules 1971 child labour (Regulation & abolition) Act 1986 building and other construction workers and welfare Cess Act 1996 as specified in clause no. 19, 19(A) to 19(M) and 20, 20(A) on page no. 49 to 56 of tender and rules of central and state Governments.

You are also directed to contact Sr. Manager (Engg-E), AAI, Agartala Airport, immediately who will arrange to hand over the site to you.

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Please note that the time allowed for carrying out the work is **03 (Three) months**, which shall be reckoned from 10th day of issue of this order.

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

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

Encl: Bill of Quantities

Page-01 to 05

Yours faithfully,

Chinmoy Paul
(Chinmoy Paul) 12/20

Jt.G.M.(Engg-E),

For and on behalf of Chairman,
Airports Authority of India.

Schedule of Quantity

NAME OF WORK : Construction of New Integrated Terminal Building and Associated works at Agartala Airport, Agartala, Tripura. SITC of Tyre Killers, Bollards, Boom Barriers and Sliding Gates etc.						
ITEM NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE (INR)	AMOUNT (INR)	REMARKS
	SH: A					
1	Design, supply, Installation, Testing Commissioning of crash rated Electro hydraulic tyre killer of 10 Mtr length consisting of two section (5 Mtr + 5 Mtr) suitable to work on Three / single phase 415/230 volts +/- 5% , 50 Hz AC supply consisting of Tyre killer operating on hydraulic power system, PLC based, single control panel for controlling two section, including control switching operation in remote location (as per drawing), logic circuit, earthing, civil foundation including excavation of existing PQC/Bitumen road (at required depth as per site conditions) and making good after installation of tyre killers including provision of sump pump of suitable rating to drain accumulated water complete as required and supplying and laying of suitable size GI pipes for power and control cable as required, 3-1/2 core Aluminium armoured power cable & control cables (each upto 100 Mtrs. of different sizes) including power supply LT feeder panel with incoming and outgoing MCCBs/MCBs & laying of necessary cable i/c end terminations as per requirement and as specified in technical specifications, earthing, hydraulic system etc as required for complete functioning of tyre killers as per enclosed technical specifications.	2	Job	800000.00	1600000.00	INR Sixteen Lakh Only
2	Supply, Installation, Testing Commissioning of crash rated Electro hydraulic tyre killer of 6 Mtr length consisting of two section (3 Mtr + 3 Mtr) suitable to work on Three / single phase 415/230 volts +/- 5% , 50 Hz AC supply consisting of Tyre killer operating on hydraulic power system, PLC based, single control panel for controlling two section, including control switching operation in remote location (as per drawing), logic circuit, earthing, civil foundation including excavation of existing PQC/Bitumen road (at required depth as per site conditions) and making good after installation of tyre killers including provision of sump pump of suitable rating to drain accumulated water complete as required and supplying and laying of suitable size GI pipes, 3-1/2 core Aluminium armoured power cable & control cables (each upto 100 Mtrs. of different sizes) including power supply LT feeder panel with incoming and outgoing MCCBs & laying of necessary cable i/c end terminations as per requirement and as specified in technical specifications, hydraulic system etc as required for complete functioning of tyre killers as per enclosed technical specifications.	3	Job	700000.00	2100000.00	INR Twenty One Lakh Only
3	Supply, Installation, Testing Commissioning of Automatic Road Traffic Boom Barrier 4 Meter length , to work on Three / single phase 415/230 volts +/- 5%, 50 Hz AC supply consisting of Boom Barrier Automatic, PLC based, control panel, including individual switching operation in local and remote location (as per drawing) of one or two section logic circuit ,earthing, civil foundation including excavation of existing PQC/Bitumen road (at required depth as per site conditions) and making good after installation etc complete as required and supplying and laying of GI pipes for power and control cable as required, power and control cables i/c end terminations, earthing (each upto 100 Mtr) etc as required for complete as per enclosed technical specifications.	4	Each	90000.00	360000.00	INR Three Lakh Sixty Thousand Only

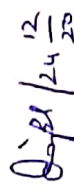
ITEM NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE (INR)	AMOUNT (INR)	REMARKS
4	Supply, Installation, Testing Commissioning of Automatic Road Traffic Boom Barrier 6 metre length, to work on Three / single phase 415/230 volts +/- 5%, 50 Hz AC supply consisting of Boom Barrier Automatic, PLC based, control panel, including individual switching operation in local and remote location (as per drawing) of two section logic circuit ,earthing, civil foundation including excavation of existing PQC/Bitumen road (at required depth as per site conditions) and making good after installation etc complete as required and supplying and laying of GI pipes for power and control cable as required, power & control cables i/c end termination,earthing (each upto 100 Mtr) etc as required for complete as per enclosed technical specifications.	6	Each	100000.00	600000.00	INR Six Lakh Only
5	Supply, testing & commissioning of K4 crash rated electro hydraulic bollard system for 6 M wide road comprising of 06(Six) Number of Bollard suitable to work on Three/Single phase 415/230 volt, 50 Hz AC supply consisting of hydraulic power unit, PLC based, logic circuit, control panel, including switching operation in local and remote location (as per drawing) complete as required including all major/minor civil works (excavation of PQC/bitumen road of required depth as per site conditions) and making good after installation, and supplying and laying of GI pipes for power and control cable as required, earthing, 3 1/2 core Aluminium armoured power cable & control cables (each upto 100 Mtrs. of different sizes) including power supply LT feeder panel with incoming and outgoing MCCBs/MCBs & laying of necessary cable i/c end terminations as per requirement and as specified in technical specifications comprising of following items and features: i. Height - minimum-800mm ii. Bollard dia - minimum 273mm iii. Impact load - minimum 110KN iv. Operation time - 5 to 8 sec. max v. Frequency of operation - minimum 200 full cycles/hr. vi. Power off operation - Minimum three full cycle operation vii. Manual operations - integrated hand pump viii. Safety interlock detector. ix. Sump drain pump - self priming pump. x. Illuminating (LED) unit on top of bollard. xi. Control panel - UP/down/stop, middle stop operation & maintenance switch. xii. Operating temp range - 0 to +60 deg. C and capable of meeting the rain fall requirement at Agartala Airport.	2	Job	2000000.00	4000000.00	INR Forty Lakh Only

ITEM NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE (INR)	AMOUNT (INR)	REMARKS
6	Supply, testing & commissioning of K4 crash rated electro hydraulic bollard system for 8 M wide road comprising of 08 (Eight) Number of Bollard suitable to work on Three/Single phase 415/230 volt, 50 Hz AC supply consisting of hydraulic power unit, PLC based, logic circuit, control panel, including switching operation in local and remote location (as per drawing) complete as required including all major/minor civil works (excavation of PQC/bitumen road of required depth as per site conditions) and making good after installation, and supplying and laying of GI pipes for power and control cable as required, earthing, 3-1/2 core Aluminium armoured power cable & control cables (each upto 100 Mtrs. of different sizes) including power supply LT feeder panel with incoming and outgoing MCCBs/MCBs & laying of necessary cable i/c end terminations as per requirement and as specified in technical specifications comprising of following items and features: i. Height – minimum-800mm ii. Bollard dia – minimum 273mm iii. Impact load – minimum 110KN iv. Operation time – 5 to 8 sec. max v. Frequency of operation – minimum 200 full cycles/hr. vi. Power off operation – Minimum three full cycle operation vii. Manual operations – integrated hand pump viii. Safety interlock detector. ix. Sump drain pump – self priming pump. x. Illuminating (LED) unit on top of bollard. xi. Control panel – UP/down/stop, middle stop operation & maintenance switch. xii. Operating temp range – 0 to +60 deg. C and capable of meeting the rain fall requirement at Agartala Airport.	2	Each	2600000.00	5200000.00	INR Fifty Two Lakh Only
7	Supply, testing & commissioning of K4 crash rated electro hydraulic bollard system for 10 M wide road comprising of 10 (Ten) Number of Bollard suitable to work on Three/Single phase 415/230 volt, 50 Hz AC supply consisting of hydraulic power unit, PLC based, logic circuit, control panel, including switching operation in local and remote location (as per drawing) complete as required including all major/minor civil works (excavation of PQC/bitumen road of required depth as per site conditions) and making good after installation, and supplying and laying of GI pipes for power and control cable as required, earthing, 3-1/2 core Aluminium armoured power cable & control cables (each upto 100 Mtrs. of different sizes) including power supply LT feeder panel with incoming and outgoing MCCBs/MCBs & laying of necessary cable i/c end terminations as per requirement and as specified in technical specifications comprising of following items and features: i. Height – minimum-800mm ii. Bollard dia – minimum 273mm iii. Impact load – minimum 110KN iv. Operation time – 5 to 8 sec. max v. Frequency of operation – minimum 200 full cycles/hr. vi. Power off operation – Minimum three full cycle operation vii. Manual operations – integrated hand pump viii. Safety interlock detector. ix. Sump drain pump – self priming pump. x. Illuminating (LED) unit on top of bollard. xi. Control panel – UP/down/stop, middle stop operation & maintenance switch. xii. Operating temp range – 0 to +60 deg. C and capable of meeting the rain fall requirement at Agartala Airport.	2	Each	3200000.00	6400000.00	INR Sixty Four Lakh Only

ITEM NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE (INR)	AMOUNT (INR)	REMARKS
8	Design, supply, Installation, Testing Commissioning of MS automatic sliding gate with minimum 50mm x 50mm x 2.5mm hollow MS section and minimum 5mm thick MS sheet(900kg-1000kg) of length 7meter and overall height 2.15 meter including wheels equipped with remote (as per drawing) and manual operation facility. The MS gate shall be epoxy coated and shall be provided with sliding gate drive unit, MS post for holding top edged, necessary bottom and top steel rollers, side nylon rollers with double ball bearing. The system shall also included emergency release, control box electronic breaking including suitable rating sliding motor with gear box assembly having manual release with necessaru control connections, earthing including supplying and laying of GI pipes for power and control cable as required, power and control cable I/C end terminations (each upto 100 meter) etc. complete as required.	2	Job	290000.00	580000.00	INR Five Lakh Eighty Thousand Only
	SH: B				20840000.00	
9	TOTAL OF SH: A					
	All Inclusive Comprehensive Maintenance Contract after completion of One years Defect Liability Period for the above Tyre Killers including periodical, preventive, break down maintenance as per the OEM recommendations & AAI requirements and attending emergency breakdowns as and when required on 24 hrs basis (on all days including holidays) and including all necessary spares and consumables to keep the whole bollard system in perfect working condition etc. complete as required.					
9A	Spike of 10 Mtrs (5+5Mtrs)-02 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	5000.00	60000.00	INR Sixty Thousand Only
9B	Spike of 6 Mtrs (3+3Mtrs)-03 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	6000.00	72000.00	INR Seventy Two Thousand Only
10	All Inclusive Comprehensive Maintenance Contract after completion of One years Defect Liability Period for the following Bollards including periodical, preventive, break down maintenance as per the OEM recommendations & AAI requirements and attending emergency breakdowns as and when required on 24 hrs basis (on all days including holidays) and including all necessary spares and consumables to keep the whole bollard system in perfect working condition etc. complete as required.					
10A	Set of 6 Bollards-02 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	8000.00	96000.00	INR Ninety Six Thousand Only
10B	Set of 8 Bollards-02 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	12000.00	144000.00	INR One Lakh Forty Four Thousand Only
10C	Set of 10 Bollards-02 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	14000.00	168000.00	INR One Lakh Sixty Eight Thousand Only

ITEM NO	DESCRIPTION OF ITEM	QTY.	UNIT	RATE (INR)	AMOUNT (INR)	REMARKS
11	All Inclusive Comprehensive Maintenance Contract after completion of One years Defect Liability Period for the above Automatic Sliding Gate i/c periodical, preventive, breakdown maintenance as per the OEM recommendations & AAI requirements and attending emergency breakdowns as and when required on 24 hrs basis (on all days including holidays) and including all necessary spares and consumables to keep the whole Sliding Gate system in perfect working condition etc. complete as required -02 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	3500.00	42000.00	INR Forty Two Thousand Only
12	All Inclusive Comprehensive Maintenance Contract after completion of One years Defect Liability Period for all the above Automatic Boom Barrier of 4Mtrs (4 nos) & 6 Mtrs (6nos) i/c periodical, preventive, breakdown maintenance as per the OEM recommendations & AAI requirements and attending emergency breakdowns as and when required on 24 hrs basis (on all days including holidays) and including all necessary spares and consumables to keep the all Boom Barriers in perfect working condition etc. complete as required -10 Nos.					
a	For 2nd Year (after One year DLP)	12	Month	15000.00	180000.00	INR One Lakh Eighty Thousand Only
					762000.00	
					Rs. 21,602,000.00	
	TOTAL OF SH: B					
	TOTAL OF SH: A + B					

INR Two Crore Sixteen Lakh and Two Thousand Only


 (Chinmov Paul)
 Jt. General Manager(Ensg.-Elect.), AAI
 M.B.B Airport, Agartala