BODHGAYA TEMPLE MANAGEMENT COMMITTEE

BODHGAYA, 824231, GAYA, BIHAR, INDIA

RFP for

Supply, Installation, Commissioning & Maintenance of DFMD, HHMD & Baggage Scanner at Bodhgaya Temple, Gaya.

1. DEFINITIONS

BTMC shall mean Bodhgaya Temple Management Committee.

Bidder shall mean the firm who participates in the RFP and submits its Bid.

DFMD shall mean Door Frame Metal Detector.

HHMD shall mean Hand Held Metal Detector.

Bid/Proposal shall mean the Bid submitted by the Bidders in response to this RFP.

Bid Validity Period shall mean a period of not less than **365 days** from the last date for submission of the Bid Proposal.

Project shall mean the supply, installation, testing, commissioning and maintenance of DFMD & HHMD at Bodhgaya Temple, Gaya including the Hardware and software as per the design proposal submitted by the bidder in accordance with this document and as directed by BTMC for Mahabodhi Temple, Bodhgaya.

Successful Bidder The Bidder who inter alia meets the following requirements

a) Meets the Technical and Financial criteria;
b) Whose Bid Proposal are acceptable to the evaluation committee of BTMC and
c) Adheres / consents to adhere to all other conditions laid down in this document.

2. BRIEF ABOUT MAHABODHI TEMPLE & BTMC

The history of Bodhgaya is about 2600 years old. In the sixth century B.C., Prince Siddhartha Gautama attained supreme enlightenment at this holy place and became the Buddha. In commemoration of this event, Emperor Asoka set-up the Vajrasana (Diamond Throne) of polished sandstone representing the seat of enlightenment in third century B.C. Thereafter, he built a stupa in veneration of the Buddha which remained there up to the second century A.D. The original structure of Mahabodhi Mahavihara temple was completed in seventh century A.D. during the reign of Gupta kings. The temple underwent several restorations, renovations and repairs in the subsequent period in which the Burmese greatly contributed. In 1883, a very thorough and scientific renovation of the temple was done under the supervision of the British Archaeologist Sir A. Cunningham and J.D.M. Beglar and the Indian archaeologist Dr.Rajendra Lal Mitra. In 1956, on the occasion of 2500th Buddha Jayanti celebrations, the Govt. of India did some repair works and enlarged the premises of the Mahabodhi Mahavihara. This is the most sacred place of Buddhist Pilgrimage in the world.

The gold painted statue of Buddha in the sanctum shrine of the Temple is made of Black stone built by the Pala kings of Bengal. The Buddha is seen seated in the Bhumisparsa Mudra or the Earth touching posture.

The Mahabodhi Mahavihara has now been declared a World Heritage Site by the UNESCO on the 27th June 2002.

Mahabodhi Temple is claimed as property of state government of Bihar, part of India. Under the terms of the Bodh Gaya Temple Act of 1949, the state government makes itself responsible for the protection, management, and monitoring of temple and its properties. The Act also has provisions for a Temple Management Committee, and an advisory board.

A. the upkeep and repair of the Temple
B. the improvement of the Temple land
C. the welfare and safety of the pilgrims and
D. the proper performance of worship at the Temple.

According to provision of the Act the Committee shall consist of the Chairman and eight members nominated by the State Government all of whom shall be Indians.

The management of Bodhgaya Temple was formally handed over by Mahant Shri Harihar Giri to Dr. Sarvapalli Radhakrishnan, the then Vice President of India, on 23rd May 1953. The development of the Temple runs only on donations and the Bodhgaya Temple Management Committee thanks all the large hearted generous donors for their contribution.

3. BRIEF ABOUT THE PROJECT

BTMC has planned to modernize the Access control system in the Mahabodhi Temple, which is situated in Bodhgaya. Further, Mahabodhi Temple is having tourism significance & in terms of maintaining the law and order situation, to manage the floating population with divergent socioeconomic strata will become a significant task.

The Mahabodhi temple in Bodh Gaya is the most important pilgrimage center for the Buddhists. Unfortunately, there was a terror attack of bomb blasts inside Temple premises on 7th July 2013 and after that incident onwards, the security of the Temple is under charge of Bihar Police and BTMC has provided and installed DFMD & HHMD at the entry gate checking points. However, these instruments now need to be replaced with better equipments for the efficiency of the services and for the convenient interest of visitors/ pilgrims to the Temple.

The broad scope of this project is, therefore, to provide a turnkey solution by the bidder that includes Supply, Installation, Commissioning & Maintenance of DFMD & HHMD at Bodhgaya Temple, Gaya as per technical specifications given in this document. The scope also includes the following:-

A. The successful bidder has to nominate a Project Manager immediately after issue of LOI, who will be involved in this project during the execution period. The responsibility of the Project Manager will be to co-ordinate with various stakeholders of the project, daily reporting of the progress of project, addressing of issues of the project during implementation phase, delivery of material as per schedule, timely completion of the project and achieving the desired solution. He will be the single point of contact from bidder side for BTMC.
B. The Scope of Work involves installation of six DFMDs and ten HHMD at the various entrance checking points of the Temple compound immediately and installation of two X-ray Baggage scanners at the main entrance of the Temple compound in 1:1 redundancy configuration (one active & one hot standby).

C. The successful bidder has to train four operators each for all the devices for a duration of one week.

D. The site will be suitably prepared as per specifications by BTMC in consultation with Police Administration in charge of Temple security and handed over to the vendor for installation and commissioning.

E. The working hours of Bidder will be as per BTMC recommendations.

F. The successful bidder will not do any work in the premises of the Temple without permission of the BTMC. Bidder should be ready to do work at night or on days when visit of pilgrims are expected to be less. The cost for the same will be borne by the bidder.

G. All the equipment are required to be delivered at BTMC, Bodhgaya.

4. BID SCHEDULE & VENUE

Sl. No.	Activity	Scheduled Date & Time
1	Date of commencement of Bid Document	25.10.2015
2	Place for obtaining Bid Document	O/o of BTMC, Bodhgaya, Bihar.
3	Submission of Bid	Bids should be submitted in BTMC office by 22.11.2015 upto 3:00
4	Address for submission of Bid Documents	O/o The Secretary, BTMC, Bodhgaya, Gaya, Bihar.
5	Venue of Opening of Technical Bid	O/o The Secretary, BTMC, Bodhgaya, Gaya, Bihar.
6	Date & time of Opening of technical Bid	At 4:00 PM on 22.11.2015

5. Mandatory Terms & Conditions

INSTRUCTION TO BIDDERS & Terms & Conditions :-

Bid Submission:-

A. Bid shall be submitted in TWO PARTS, viz. **Technical Bid** comprising (i) EMD should be in form of DD or a Bank Guarantee in favor of **The Secretary, BTMC, Bodhgaya;** (ii) technical details, compliances etc. as enumerated in the tender document & and **Financial Bid**. The bid should be submitted in properly wax sealed covers indicating the Bid detail. Address of the firm submitting the tender and the officer to whom the tender is addressed, must appear distinctly on both the inner and outer sealed covers, indicating also on each envelop TECHNICAL BID/FINANCIAL BID as may be applicable.

B. In the part relating to Technical Bid, the OEM/Bidder must provide the followings .

a. Details of the technical features of the offered equipment vis-à-vis specification

b. Bidder should be an ISO 9001 certified company.

c. Authorization certificate from the Manufacturer, specific to this tender, addressed to The Secretary, Bodhgaya Temple Management Committee.

   *Note – Any document other than this case specific authorization certificate from the manufacturer, is not accepted.

d. The bidders are required to enclose copy of Sales Tax Registration number allotted by Bihar Commercial Tax Department. The bidders who are not registered with Bihar Sales Tax, if selected, should get themselves registered with Bihar Sales Tax before receiving award of contract or purchase order failing which their EMD will be forfeited.

e. The Bidder should have experience in terms of sales and maintenance of Scanning & Security equipment etc. in any Government / PSU department in India.

f. Bidder / Agency must have executed Baggage Scanner / Security Equipment, valued at Rs. Twenty five lakhs, during last 3 years.

g. Bidder to enclose Copy of PAN/TIN number.

h. Has the Bidder been blacklisted from any Government / Semi Government / PSU or similar organization, ever in last seven years. If so then Bidder is required to furnish complete details along with certified copy of revocation by the same department, if any, failing which bid will not be accepted. Bidders to enclose an undertaking, in case this clause does not apply to them.

i. Bidder should have his own service office and infrastructure in Bihar. In case, Bidder does not have this service infrastructure as on date of tender submission, then Bidder can submit an undertaking that within 15 days of award of order, they will raise their own service infrastructure, failing which their EMD will be forfeited and their company shall be blacklisted. Outsourced service facilities not allowed.

j. The quoted brand / OEM should have Service Facilities in Bihar.

k. The quoted brand / OEM (incase of non-Indian) should have been into business operation in India, through their sales and service offices in India, for minimum five years as on date of bidding.

l. The OEM should be ISO 9001 certified

m. Net worth of the Bidder should be positive.

n. The bidding company shall be a profit making company in each of the last five years.

o. Bidder to enclose Technical Literature along with a printout, of the quoted Items.

p. The Technical compliance of specifications under signature of OEM is preferred.

q. Bidding company should have been into existence for at least five years, in information technology business, selling of security systems etc, as on date of bidding.

r. Bidder should enclose Proof of annual turnover (Audited Balance Sheet) of having average yearly turnover of Rupees five crores in three financial years (12-13, 13-14 & 14-15).

s. Banker's details of tendering FIRM / Bidder should be clearly mentioned.

t. Warranty of the equipment shall be one year.

u. Earnest Money (EMD) of Rs 30,000.00 (Rupees thirty Thousand Only), in the form of BG or Demand Draft only, in favor of The Secretary, Bodhgaya Temple Management Committee, Bodhgaya.

v. Earnest Money Deposit of the successful bidder will be refunded on receipt of Performance Security Deposit from the bidder.

w. This is a turnkey based tender. Bidder must quote for all items. The L1 shall be evaluated on composite price of per set, quantity as per requirement of the BTMC. No partial compliance of any terms, specification, etc. permitted partial compliance and deviation of any terms and or condition will automatically lead to rejection.

C. In the part relating to Price Bid, the OEM/Bidder must provide the following:-

a. Quantity, basic price (against item-wise details of specifications of each of the offered items).

b. Prices of each of the optional accessories, as required by specifications and may be relevant for offered equipment, will have to be specifically stated in the quotation.

c. Bihar VAT should be indicated separately, item wise. Price to be quoted inclusive of all taxes, ED, VAT etc. in the given format.

d. Installation, warranty, delivery & commissioning charge (including Service Tax), should be included in the basic rate of quoted items, if any. Delivery shall be F.O.R. State Headquarter, Patna & Commissioner's Head Quarter.

e. Freight & insurance charge should be included in the basic rate of quoted items, if any.

Other Instructions :-

I. ***Rates*****:** Rates quoted should be on F.O.R. Mahabodhi Temple Campus, Bodhgaya.

II. ***Validity***: Quoted rates must valid for 365 days.

III. ***Delivery***: Unless otherwise stated Delivery & Installation of DFMD and HHMD goods will have to be within three weeks from the date of issue of the Purchase Order. In case of X-ray Baggage scanners, the delivery & installation should take place within eight to ten weeks from the date of placement of purchase order. All aspects of safe delivery shall be the exclusive responsibility of the OEM/Bidder. Any unjustified and unacceptable delay in delivery beyond the delivery schedule as per purchase order will render the Bidder/Manufacturer liable for liquidated damage at the rate of 0.25% (quater percent) per week, subject to maximum of 5% beyond which order will be cancelled, EMD forfeited besides recovery of LD.

IV. ***Late and delayed Tenders***: Late and delayed tender will not be considered. In case any unscheduled holiday occurs on prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.

V. ***Ground for Rejection of Tender*****:** The tenders are liable to be rejected if any of the fore going conditions are not complied with and must be strictly as per this tender document. The tender should be complete in all respects and duly signed wherever required. Incomplete and unsigned offer will not be accepted.

VI. ***Payment Terms:- 100%*** *P*ayment will be released immediately within fifteen days of receiving & installation of materials & submission of the performance security deposit @ 10%.

VII. ***Entry Tax:*** Entry tax, if applicable will be borne by the bidder.

VIII. ***VAT*** *:* Shall be paid extra.

IX. Any loss or damage caused to the article in transit to the centralized delivery location is to be made good by the supplier free of cost within reasonable time.

X. No escalation in respect of materials, labor, freight etc. will be allowed in any shape.

XI. A declaration should also be furnished by the agency that they will supply the original product of the manufacturing company. In case of supply of duplicate product suitable action will be taken against the agency including forfeiture of EM/ Security Deposit.

XII. The rates should be quoted and legibly written both in words and Figures. In case of corrections, the same must be attested by the bidder with full signature; however no overwriting is permissible.

XIII. In case of any discrepancy between words and figures, in financial bid, the rates in words shall be accepted as correct.

XIV. The bids shall be opened in the office of The Secretary, BTMC, Bodhgaya, on the date and time given in the enquiry letter. The Bidders may send their authorized representative to attend the Bid opening, if they so desire. In the event of the bid opening date being declared holiday, the bids will be opened at the appointed time and place on the next working day.

XV. The Bidder has to sign in full at all pages of the bidding document.

6. Various Mandatory Forms

ANNEXURE – I

1. Form for Technical Bid

Form -1:

Section 1:

General Description		
A.1	Name of the Agency	
A.2	Year of establishment	
A.3	Year of establishment in India* (only in case of International firms)	
A.4	Registered Office Contact Address	
A.5	Branch Office in Bihar Contact Address	
A.6	VAT Registration No.	
A.7	PAN Registration No.	
A.8	Service Tax Registration No.	
A.9	ISO Certificate No.	

***Please provide documentary proof in the form of "Certificate of incorporation" or other equivalent document**

Section 2:

Financials		FY 2012-13	FY 2013-14	FY 2014-15
B.1	Turnover (Rs in lakh)			

****Please enclose copies of audited statements :-**

Section 3:

Establish compliance to technical criteria including dealings with established organizations

Location		
E.1	Whether the company/consultant has a local office in Bihar or can execute the said work in Bodhgaya.	
E.2	If company has office in Bihar, its address and contact details	
E.3	Whether the company/consultant has a service network in Bihar, if yes the list of engineer with contact numbers to be submitted along with the bid.	

Section 2: Contact Details

This form is to be filled in by the Authorised Signatory/Representative

F.1	Name	
F.2	Address in India	
F.3	Address abroad if any	
F.4	Telephone no.	
F.5	Mobile No.	
F.6	Fax	

F.7	E-mail address	

7. Technical Specification

Item No. 01 :- DFMD

GENERAL SPECIFICATIONS:		REQUIREMENT	Compliance Y/N/Remarks
1	**Detectable Metals**	Detection capability for both ferrous and nonferrous metals	
	Weight	80kg maximum	
	Alarm	Audio Visual alarm with alphanumeric LCD display, height on person bar display (Metal locator), low battery indication.	
	Sensitivity	Wide range of sensitivity setting and fine tuning, Adjustable in step to 200 levels. Including a 4 level Base setting.	
	Zones	Minimum 12-Zones.	
	Calibration	Manual and automatic by built- in key pad comprising of 4 buttons. All functions should be programmable and controlled by a microprocessor.	
	Counter	Intelligent traffic counter for calculating the number of people in, out and balance.	
	Protection	Conform to relevant electric safety standard (Supported by Test Certificates from NABL {India} or other accredited labs from the country of origin of the equipment). The magnetic field should be as per ICNIRP Guidelines (International Commission on Non Ionizing Radiation Protection). The references values for general public are given in table VII of the ICNIRP Guidelines. Should not be affected by external RF transmission and EMI. (Supported by Test Certificates from NABL {India} or other accredited labs from the country of origin of the equipment)	
HARDWARE SPECIFICATIONS:			
2	**Control Panel:**	A suitable control panel shall be provided to turn unit on, access and adjust setup and programming. The control panel shall be used to turn the DFMD on. The unit should be ready to operate within ten seconds. The control panel shall be used to turn the DFMD off, ensuring that all of the information and settings are stored in memory before shut down. The DFMD Control panel should be tamper proof. All settings should be secured with a key lock. Further security should be accomplished with a cabinet lock to prevent unauthorized access to physical cables, connectors & electronics.	
	Display:	A visual display should be located in the overhead panel. The display should provide calibration and operational	

		information, including program and sensitivity settings, operator functions and fault indication. The display should display all self-prompting regulation and control functions as well as traffic count information.	
	Counter:	The DFMD shall have a traffic counter that should track the number of people that have passed through the detector by showing IN,OUT and BALANCE count. The counter should be used to obtain an automatic update on the traffic count.	
	Zones:	The detector shall have a minimum of 12 zones of metal detection. These zones shall operate as individual detectors and detect the presence of metal in their confined region. Zone display shall be on front panel with human symbol.	
	Alarms and Indication:	There should be both visual and audible alarms. It should be possible to adjust volume of the audible alarm. At its loudest setting, the volume should be adequate to overcome ambient noise present nearby. Visual indication of an alarm should appear when the unit detects a targeted amount of metal within the walk-through according to the program and base sensitivity settings. A Bargraph Display should be provided which can indicate the approximate quantity of metal passing through the detector. A mimic display should be present on the control panel which can indicate the locations of zones that have detected the metal. There shall be a visual Indication for operation on Battery and on Mains.	
	Power Supply and Battery Backup:	The DFMD shall have a 90-270v operation SMPS Power Supply, should be provided with internal battery back-up for 12 hours minimum operation in case of power cut.	
	Remote Control:	The DFMD shall have a remote control to operate the control panel without using the buttons on the panel. The Remote shall have similar buttons as on the control panel to allow similar operation.	
OPERATIONAL FEATURES			
3	**Ready Time:**	The DFMD shall be ready to operate in less than 10 seconds after the detector is switched on. The Detector shall calibrate itself automatically after being switched on. All the settings in memory saved previously shall be applied automatically.	
	Password Protection:	There shall be password protection to change settings of DFMD. The Passwords shall be saved in memory and shall be retained in case of power loss to the DFMD.	
	Volume Levels:	There shall be at least 10 levels of volume control settings. At the lowest level of setting the volume shall be completely off for silent operation in areas where noise is not permitted.	
	Alarm Time:	It shall be possible to adjust the time duration of the alarm, This should allow the Supervisor to set the Alarm indication to the desired time period depending on the flow of people.	
	Base Level:	There shall be a provision to select the Base level settings between 3 levels. This shall affect the sensitivity of all the zones of the detector. A High Base level shall make the zones more sensitive to the metal.	

	Frequency Control:	It shall be possible to adjust the frequency of operation of the detector. This shall enable multiple detectors to work close to each other without interfering with each other. There shall be at least 10 level of frequency control capability. Once the frequency is selected it shall be saved in memory.	
	Infrared Sensors:	It shall be possible to disable the Infrared sensors from the menu system by the Supervisor if required. The Counter shall continue to operate in this situation.	
	Auto Set and Self test:	There shall be a provision for the DFMD to set itself automatically if required. This feature can be used to setup the DFMD in any environment at optimal levels. There shall be a self test capability, in case the User or Supervisor wants to check the proper functioning of the detector.	
ACCESSORIES			
4	**User Manual:**	There shall be a user manual with information on installation, operation and installation.	
	Floor Mounts:	ABS Plastic Floor mounts shall be provided for safety and mounting the DFMD to the floor. This shall prevent it from falling if pushed over by someone.	
	TEST Samples	Test samples for testing during commissioning and during maintenance.	
	Approved Makes	Elektral, Static, Rapiscan, Ceia, Garret.	

Item No. 02 :- HHMD

GENERAL SPECIFICATIONS:		**REQUIREMENT**	**Compliance Y/N/Remarks**
1	**Dimensions**	Length: 400mm (Max) Handle width: 40mm (Max) Body thickness: 35mm (Max) Search Probe Area: 150sq. cms (Min).	
2	**Weight:**	Less than 350gms (Max) including batteries.	
3	**Indication**	Single LED based audio & visual indication for: (i) POWER ON – Normal Light (ii) METAL DETECTION – Bright Light (iii) LOW BATTERY INDICATION – Flashing Light	
4	**Operation**	Single push button operation.	
5	**Construction**	Should be rugged and Impact resistant ABS moulded casing.	
6	**Detection**	Should be able to detect Ferrous and Non Ferrous metals. - Pistol.22 at min 6” - Cartridge.22 at min 2” - Razor Blade at min 1”	
7	**Tuning**	Automatic to ensure detection of wide range of metals and alloys	
8	**Approved Makes**	Elektral, Static, Rapiscan, Ceia	

Item No. 03 :- BAGGAGE SCANNER

Sl. No.	**Features**	**Specification**	**Compliance**

	Construction		
01	Tunnel Dimensions	–602 mm (W) x 410 mm (H) (mm) or more **+/- 2% tolerance**	
02	Conveyor Height	680 mm approx or more **+/- 2% tolerance**	
03	Conveyor Belt Speed	Between 0.2 to 0.24 (m/s).	
04	Conveyor Movement	Bi--directional	
05	Power Supply	All machines should operate on 230 VAC, 50 Hz power supply and should be able to withstand voltage fluctuations in the range of 170V to 260 V. Single Phase, 5 Amp.	
06	Conveyor Capacity	160 Kg. or more	
07	Sensors	Baggage scanner must have more than 1000 diodes, L-shaped detector. In case of defective diode arrays, scanning should be disabled and error message should be displayed on the screen.	
08	X-Ray Voltage	140 KV operating or more	
09	Duty Cycle	100%, no warm-up procedure should be required.	
10	Cooling	Hermetically Sealed oil bath	
11	The X-ray Beam Divergence	Should be such that the complete image at maximum size of bag is displayed without corner cuts. Beam divergence should be diagonal.	
12	Radiation Levels	Should not exceed accepted health standard (0.1m R/Hr at a distance of 5 cm from external housing). Relevant certificate from AERB should be enclosed	
13	The Operating Temperature	Should be – 0 degree C to 40 C degrees	
14	Storage Temperature	– 20 degree C to 60 degree C.	
15	Humidity	10%- 90% non-condensing.	
16	Resolution	The machine should be able to display single un-insulated tinned copper wire of 38 AWG equivalent to 42 SWG. All penetration and resolution condition should be met without pressing any functional key and should be on line. **The Technical Demonstration of the X-Ray Machine should be given to demonstrate the Feature.**	
17	Penetration	Penetration **should be 33 mm thickness** of steel or more. **The Technical Demonstration of the X-Ray Machine should be given to demonstrate the Feature.**	
18	Continuous Electronic Zoom Facility	Stepwise & Continuous Electronic Zoom facility should be available to magnify the chosen area of an image Twenty eight times (28X) or more. Image features shall be Mouse & keyboard controllable.	
19	Video Display	19" LCD Monitor High resolution, low radiation, flicker free, resolution at least 1280 x 1024, 24 bit colour real time processing.	
20	Advanced Multi Energy X-ray Imaging Facility	The machine should have features of Advanced Multi Energy X-ray imaging facility Materials of different atomic number should be displayed in different colours to distinguish between organic and inorganic materials. Machine should have variable colour and materials stripping to facilitate the operator to monitor images of organic materials for closer scrutiny. All suspicious items (Explosives, High density material and narcotics) should be displayed in one mode and that should be on line.	
21	Selective Detection of Organic Substances	All the software used for baggage scanner should be as per national/international standards. Also as per the tender specs given	

22	Automatic Detection of High Absorption Materials.	The machine should have feature of automatically detecting sections of high absorption. The materials which are difficult to penetrate should be improved without deteriorating the image information of other image sections.	
23	System Warning	The machine should have the feature of warning the operator by stopping of the belt incase of presence of high absorbing material in a baggage.	
24	Health & Safety Regulation	The machine must comply with requirements of health and safety regulations with regard to mechanical electrical and radiation hazards. Before installation of the machine, the supplier/manufacture should furnish relevant certificate from Atomic Energy Regulatory Board of India regarding radiation safety. The company manufacturing the equipment should have ISO certification for manufacturing and servicing of X-ray Screening machines. Machine should be CE, FCC & CSA certified. Documents should be furnished along with the tender.	
25	Photo Film Safety Guarantee	The machines should be film safe. Photographic films must not be damaged due to x-ray examination. Valid Film Safety Certificate should be provided.	
26	Rodent protection & Dust proof cover	Machine should be rodent protected. Dust proof cover to be provided for covering when system is not in use.	
27	Variable Contrast Facility	Facility for variable contrast must be incorporated to allow enhancement lighter and darker portion of the image.	
28	Software Up-gradation	The machine should be so designed that software up-gradation can be easily implemented to take care of new technique in image processing and pattern recognition.	
29	Baggage Throughput	Through put should be 400 bags per hour or more.	
30	BITE (Built In Test Equipment)	All models should have software-controlled diagnosis report facility and system should give printout if a printer is connected.	
31	Software Feature	All software features of machine should be online and password protected.	
32	Image Recall	Machine should be capable for recalling 150 previous images in single login.	
33	Image Archiving	It should have the capability of archiving 50,000 images.	
34	Security Housing	Control desk with security housing and locking provision should be available. The operator personal identification number can be entered by keyboard.	
35	Image Enhancement	Facility of image enhancement should be available.	
36	Online Recording Facility	All models should have online recording facility and images can be recorded in CD R/W and a USB drive.	
37	Lead Impregnated Safety Screens	Lead impregnated safety screens should be available at either ends of the tunnel. Idle rollers to be provided at either ends of the tunnel to facilitate placing of baggage at input and output.	
38	Common Application Software	System should work on one software only. All software features should be controlled from key board.	
39	Penetration Failure Warning	If the machine fails to penetrate a particular item then an alarm video and audio both should be	

		generated to notify the operator.	
40	Threat Image Protection (TIP)	The threat image projection (TIP) system software to be incorporated in X-Ray BIS operation. This feature should be online and active in the X-Ray Machine.	
41	Recovery CD	Copy of all software including X-Ray Software with recovery CD must be provided.	
42	Super Enhancement/Crystal Clear	Yes	
43	Negative/Inverse Video	Yes	
44	Fast initial warm-up	Yes	
45	Pseudo color	Yes	
46	Date & Time display.	Yes	
47	High Density Alert	Yes	
48	HI-SPOT	Yes	
49	Emergency Buttons	The equipment shall be equipped with emergency stop buttons, at entry and exit of the X-ray system and the control console, to enable the operators to cut off the power to X-ray generators and moving components in case of emergency, with warning information displayed on the monitor.	
50	Training of Operators	Operational Training-Operating staff has to be provided free training.	
		One operating & service manual shall be provided with each machine.	
51	Country of Manufacturing Certificate	Country of Manufacturing Certificate should be provided at the time of supply. The same should be issued by the Chamber of Commerce.	
52	Certification of the Product/OEM/Bidder :-	AERB	
		CE	
		ISO	
		FCC	
		CSA	
		OEM Authorization & incase case of bidder OEM authorization in the name of the bidder for particular tender for sale & service for 7 yr.	
53	Performance report	The OEM/Quoted Bidder should have at least One reference installation in India in Government/PSU or similar	

BOQ for DFMD & HHMD at Mahabodhi Temple, Bodhgaya.

Sl. No.	Name of Item	Quantity
1	DFMD	06
2	HHMD	10
3	Baggage Scanner	
3.a	Baggage Scanner	01
3.b	19" LED Monitors	01
3.c	Combined Test Piece	01
3.d	Input and Output Roller (Stainless steel)	01

3.e	UPS 2kVA with 30 min backup	01
3.f	Stabilizer, 1KVA	01

Format for Financial Bid for DFMD & HHMD at Mahabodhi Temple, Bodhgaya.

A	Name of the Bidder	
B	Address in India	
C	Contact Number	
D	eMail ID	

Sl. No.	**Name of Item**	**Quantity**	**Total Price**
1	DFMD	06	
2	HHMD	10	
3	X-ray Baggage Scanner (Complete Set)	01	
Grand Total			
Taxes			
Delivery & Installation			
Grand Total (Inclusive of all Taxes, Delivery & Installation)			
In words :-			
Rate for AMC after complition of warranty 0f one year. (%)			

E	Signature with Stamp	

F	Date	
G	Place	