

### Bid Document

Bid Details	
Bid End Date/Time	05-03-2020 14:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Na
Organisation Name	Directorate General Of Hydrocarbons (dgh) Noida
Office Name	Oidb Bhwan, Sector-73, Noida
Total Quantity	11
Item Category	All in One PC , Multifunction Machines MFM , Multifunction Machines MFM
Experience Criteria	2 Year (s)
MSE Exemption For Years Of Experience And Turnover	No
Startup Exemption For Years Of Experience And Turnover	Yes
Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Primary product category	Multifunction Machines MFM

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	32820

### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	7.50
Duration of ePBG required (Months).	36

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Directorate General of Hydrocarbons  
Oidb Bhwan, Sector-73, Noida, NA, Directorate General of Hydrocarbons (DGH) Noida, Ministry of Petroleum and Natural Gas  
(Directorate General Of Hydrocarbons)

**Splitting**

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

**All In One PC ( 4 pieces )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel	Intel
	Processor Generation	8	8.0 Or higher
	Number of Cores per Processor	6	6, 8 Or higher
	Processor Base Frequency (GHz)	3.2	*
	Processor Description	Intel Core i7	Intel Core i7, Intel Core i9 Or higher

	<b>Processor Number</b>	Intel Core i7 8700	Intel Core i7 8700, Intel Core i9 9900 Or higher
	Out of Band Management	NA	*
	Cache (MB)	12	*
Motherboard	<b>Chipset Series</b>	Intel Q Series	Intel Q Series Or higher
	<b>Chipset Number</b>	Intel Q 370	Intel Q 370 Or higher
	Expansion Slots (M Dot 2)	2	*
Graphics	Graphics Type	Dedicated/Discrete	*
	Graphic Card Description	-	*
	<b>Size of Memory in Case of Dedicated Graphic Card (GB)</b>	4	0, 1, 2, 3, 4, 8 Or higher
	Size of VRAM in case of Integrated Graphics (MB)	0	*
Operating System	<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional	Windows 10 Professional
	Recovery Image Media	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud,	*
	OS Certification	Windows	*
Memory	Type of RAM	DDR4	*
	<b>RAM Size (GB)</b>	16	16, 32 Or higher
	RAM Speed (MHz)	2666	*
	Total Numbers of DIMM Slots Available	2	*
	Number of DIMM Slots populated	1	*
	<b>RAM Expandability up to( using spare DIMM Slots in GB)</b>	32	8, 16, 32, 64, 0 Or higher
Storage	<b>Type of Drives used to populate the Internal Bays</b>	HDD,SSD	HDD, SSD
	Number of Internal Bays populated with HDD	1	*
	Capacity of each HDD (GB)	1000 @7200 rpm	*
	<b>Total HDD Capacity</b>	1000	1000, 1500, 2000,

	<b>(GB)</b>		2500, 3000 Or higher
	Number of Internal Bays populated with SSD	1	*
	Capacity of each SSD (GB)	128	*
	<b>Total SSD Capacity (GB)</b>	128	128, 256, 384, 512, 768, 1024, 2048, 4096, 0 Or higher
	Optane Memory (GB)	0	*
Display	<b>Display Size (INCHES)</b>	23.8	23.6, 23.8, 27, 34, 37.5 Or higher
	<b>Display Type</b>	Non Touch	Non Touch, Touch Or higher
	<b>Panel Technology</b>	IPS	IPS Or higher
	<b>Display Resolution (PIXELS)</b>	1920x1080	1920x1080, 1920 x 1200, 3200x1800, 3840 x 2160, 3440 x 1440, 4096x2304, 5120x2880 Or higher
	<b>Availability of Webcam integrated with Display</b>	Yes	Yes
	If yes, Resolution of Webcam	FHD	*
	Availability of Speakers integrated with Display	Yes	*
	If Yes, Number of Speakers available	2	*
Connectivity	Wireless Connectivity	Yes	*
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	*
	Number of Ethernet Ports	1	*
	Type of Ethernet Ports	Intel 10/100/1000 Integrated Network Ports for vPRO	*
	Bluetooth Connectivity	Yes	*
	If Yes, Version of Bluetooth Available	5	*
Ports	Number of USB Version 2 Point 0 Ports	0	*
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	5	*
	Number of USB Version	0	*

	3 point 1, Gen 2 Ports		
	Number of USB Type C Ports	1	*
	Number of Serial Ports	0	*
	Number of VGA Ports	0	*
	Number of HDMI Ports	1	*
	Number of DP Ports	1	*
Generic	Optical Drive	DVD R/W	*
	Audio-in	Yes	*
	Audio-out	Yes	*
	Headphone out	Yes	*
	Microphone-in	Yes	*
	Stand	Height Adjustable	*
Power	Power Supply	Integrated	*
	Power Supply Capacity (Watt)	155	*
	Minimum Power Efficiency Range (%)	85 - 90	*
Certification	BIS Registration under CRS of Meity	Yes	*
	BIS Registration Number and its Validity	-	*
	ROHS Compliance	Yes	*
	BEE / Energy Star for the given Model	Yes	*
	Other Certification Available	UL,CE,FCC	*
Input Devices	Mouse Connectivity	Wireless	*
	Type of Mouse	Optical Scroll	*
	Keyboard Connectivity	Wireless	*
	Type of Keyboard	Standard with Rupee Symbol	*
Operating Conditions	Minimum Operating Temperature	5	*
	Maximum Operating Temperature	35	*
	Minimum Operating Humidity (%RH)	20	*
	Maximum Operating Humidity (%RH)	80	*
Warranty	<b>On Site OEM Warranty (Year)</b>	3	3, 5 Or higher

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Ravindran Thiyagarajan	201301,DGH, OIDB BHAWAN, SECTOR-73, NOIDA	4	45

#### Multifunction Machines MFM ( 4 pieces )

##### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Ungrouped	<b>Print Technology</b>	Laser	Laser
	<b>Type of Machine</b>	Multifunction Machine	Multifunction Machine
	<b>Type of Printing</b>	Colour	Colour
	<b>Cartridge Technology</b>	Composite Cartridge	Composite Cartridge, Separate Drum and Toner (Mono Component), Separate Drum and Toner (Dual Component) Or higher
	Developer Unit	No	*
	<b>Platen/Flatbed Size</b>	A4	A4, A3, Legal Or higher
	<b>Paper Size (Original/Image)</b>	A4/A4	A4/A4
	<b>RAM size (MB)</b>	256	128, 256, 512, 1024, 2048, 4096, 6144, 3072, 320, 768, 1536, 1500, 758, 1250, 2560, 7168, 5120, 8192, 16384, 2816, 4000, 2000, 10240 Or higher
	<b>Hard Disk Capacity(GB)</b>	0	*
	<b>Minimum Speed per Minute as per</b>	24	24, 25, 26, 27, 28, 30, 31, 35, 36, 38, 40, 43,

<b>ISO/IEC 24734 in A4 Size-Mono</b>		45, 46, 47, 50, 52, 55, 60, 61, 65, 70, 71, 75, 80, 90, 95, 100, 105, 110, 51, 56, 41, 120, 130, 160, 57, 33, 34, 32, 85, 81, 53 Or higher
<b>Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Colour</b>	24	24, 25, 26, 27, 28, 30, 31, 35, 36, 40, 50, 60, 46, 120, 130, 160, 65, 45, 34, 55, 38, 56, 75, 81, 71, 53 Or higher
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Mono	0	*
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Colour	0	*
<b>Scanning Feature Availability</b>	Yes	Yes Or higher
<b>Duplexing Feature Availability</b>	Yes	Yes Or higher
<b>Faxing Feature Availability</b>	No	Yes, No Or higher
Speed of Fax, If Fax Feature is available	NA	*
<b>Networking Feature Availability</b>	Yes	Yes Or higher
If yes, Type of Network Interface	Ethernet 10/100/1000	*
<b>Wi-Fi Availability</b>	Yes	Yes Or higher
If yes,Wi-Fi Type	Wi Fi Direct	*
<b>Original Document Feeder Type</b>	ADF	ADF, DADF/RADF, SPDF Or higher
Feeder Capacity (Number)	50	*
<b>Number of Main Paper Tray</b>	1	1, 2, 3, 4, 5 Or higher
Each Main Paper Tray Capacity (Number)	250	*
<b>Bypass Facility</b>	Yes	Yes Or higher
If Yes, Bypass Tray Capacity	50	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC:	1200	*

19798/2007(E) for Cyan colour (Number of prints)		
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Yellow colour (Number of prints)	1200	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Magenta colour (Number of prints)	1200	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19752/2004(E) for Black (Number of prints)	2300	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Cyan (Number of Prints)	0	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Yellow (Number of Prints)	0	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Magenta (Number of Prints)	0	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Black (Number of Prints)	0	*
Duty Cycle (No of Prints/month)	50000	*
Minimum Operating Temperature (Degree C)	15	*



Maximum Operating Temperature (Degree C)	30	*
Minimum Operating Humidity (%RH)	10	*
Maximum Operating Humidity (%RH)	80	*
BIS Registration under CRS of Meity	Yes	*
BIS Registration Number	-	*
Other Certifications Available	UL,CE	*
Dimension (mm x mm x mm)	-	*
Weight (Kg)	-	*
<b>On Site OEM Warranty (Year)</b>	1	1, 2, 3, 4, 5 Or higher

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Ravindran Thiyagarajan	201301,DGH, OI DB BHAWAN, SECTOR-73, NOIDA	4	45

### Multifunction Machines MFM ( 3 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Ungrouped	<b>Print Technology</b>	Laser	Laser
	<b>Type of Machine</b>	Multifunction Machine	Multifunction Machine
	<b>Type of Printing</b>	Colour	Colour
	<b>Cartridge</b>	Separate Drum and	Composite Cartridge,

<b>Technology</b>	Toner (Dual Component)	Separate Drum and Toner (Mono Component), Separate Drum and Toner (Dual Component) Or higher
Developer Unit	Yes	*
<b>Platen/Flatbed Size</b>	A3	A3 Or higher
<b>Paper Size (Original/Image)</b>	A3/A3	A3/A3
<b>RAM size (MB)</b>	6144	4096, 6144, 3072, 2560, 7168, 5120, 8192, 16384, 2816, 4000, 10240 Or higher
<b>Hard Disk Capacity(GB)</b>	320	256, 320, 500, 1024, 250, 640, 1000, 2000, 3000 Or higher
<b>Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Mono</b>	30	30, 31, 35, 36, 38, 40, 43, 45, 46, 47, 50, 52, 55, 60, 61, 65, 70, 71, 75, 80, 90, 95, 100, 105, 110, 51, 56, 41, 120, 130, 160, 57, 33, 34, 32, 85, 81, 53 Or higher
<b>Minimum Speed per Minute as per ISO/IEC 24734 in A4 Size-Colour</b>	30	30, 31, 35, 36, 40, 50, 60, 46, 120, 130, 160, 65, 45, 34, 55, 38, 56, 75, 81, 71, 53 Or higher
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Mono	15	*
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size-Colour	15	*
<b>Scanning Feature Availability</b>	Yes	Yes Or higher
<b>Duplexing Feature Availability</b>	Yes	Yes Or higher
<b>Faxing Feature Availability</b>	No	Yes, No Or higher
Speed of Fax, If Fax Feature is available	NA	*
<b>Networking Feature Availability</b>	Yes	Yes Or higher
If yes, Type of Network Interface	Ethernet 10/100/1000	*
<b>Wi-Fi Availability</b>	No	Yes, No Or higher

If yes,Wi-Fi Type	NA	*
<b>Original Document Feeder Type</b>	DADF/RADF	DADF/RADF Or higher
Feeder Capacity (Number)	100	*
<b>Number of Main Paper Tray</b>	2	2, 3, 4, 5 Or higher
Each Main Paper Tray Capacity (Number)	520	*
<b>Bypass Facility</b>	Yes	Yes Or higher
If Yes, Bypass Tray Capacity	100	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Cyan colour (Number of prints)	32000	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Yellow colour (Number of prints)	32000	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19798/2007(E) for Magenta colour (Number of prints)	32000	*
Yield of the cartridge/Ink Tank/Ink Pack supplied with Machine as per ISO/IEC: 19752/2004(E) for Black (Number of prints)	34000	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Cyan (Number of Prints)	135000	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Yellow	135000	*

(Number of Prints)		
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Magenta (Number of Prints)	135000	*
Life of Drum in terms of number of Prints in case of Separate Drum and Toner cartridge technology - Black (Number of Prints)	135000	*
Duty Cycle (No of Prints/month)	300000	*
Minimum Operating Temperature (Degree C)	15	*
Maximum Operating Temperature (Degree C)	30	*
Minimum Operating Humidity (%RH)	20	*
Maximum Operating Humidity (%RH)	80	*
BIS Registration under CRS of Meity	Yes	*
BIS Registration Number	-	*
Other Certifications Available	UL,CE	*
Dimension (mm x mm x mm)	-	*
Weight (Kg)	-	*
<b>On Site OEM Warranty (Year)</b>	1	1, 2, 3, 4, 5 Or higher

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days

1	Ravindran Thiyagarajan	201301,DGH, OADB BHAWAN, SECTOR-73, NOIDA	3	45
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## **Bid Specific Additional Terms and Conditions**

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 2 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 20% of total value.
6. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 15 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**