

Notice Inviting e-Tender

**West Bengal Medical Services Corporation Limited
Swasthya Bhawan Complex
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Kolkata-700091**

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SUPPLY OF HIGH END DIAGNOSTIC EQUIPMENTS [DIGITAL RADIOGRAPHY (DR)] IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Memo No. WBMSC/225

Date: 05.02.2014

Bid Reference No.: WBMSCL/NIT-44/2013

Dated- 21.01.2014

The following amendments have been made in the tender document,

Amendment - II

Replace the following

(marked in Red)

(In Page: 43-44)

Mandatory (M) items of Technical Specifications for Digital Radiography System (Ceiling Suspended)

It is mandatory to have any 2(two) major components out of 3 (three) (X-Ray Generator, Digital Flat Panel Detector, X-Ray Tube) should be manufactured by the quoted Digital Radiography manufacturer.

SI No.	Item	Mandatory (M) / Desirable (D)
1	Generator	
a.	The Generator should be of high frequency of capacity of 50 KW or above.	M
b.	KVP range should be 40 KV- 120 KV or more.	M
c.	The output at 100 KV should be 500 mA or more.	M

d.	Should have display of KVP & mAs.	M
e.	Anatomical Radiography Programming should be possible.	M
f.	Indication for Exposure timing should be there with automatic exposure control facility	M
2.	X-Ray Tube and Collimator	
a.	The X-Ray Tube should be of rotating anode with dual focus having the following sizes: (i) Large focus: 1.2 mm or less (ii) Small focus: 0.6 mm or less	M
b.	The unit should have Anode Heat Storage capacity of 300 KHU or more.	M
c.	Distance measuring scale should be provided.	M
d.	Tube rotation on vertical axis should be +/- 90 degree at least.	M
e.	Tube Angulations around horizontal axis should be at least + 90 degree.	M
f.	Should have multi-leaf collimator having bright light source auto shut provision for the light along with automatic image shuttering and cropping facility.	M
3.	Digital Detector [Flat panel Caesium Iodide (CsI)] - 2 (Two) nos. of fixed type detectors.	M
a.	One detector should be fixed with horizontal table and another detector will be fixed with vertical bucky stand.	M
b.	The active image size of the detector should be at least 35 cm x 41 cm or more.	M
c.	The spatial resolution should be minimum of 2.5 lines pair/mm.	M
d.	The pixel size should be 200 micrometers or less.	M
e.	The detector should be capable of fixing in vertical Bucky stand.	M
f.	Detective Quantum Efficiency (DQE) should be 65 % or above at 0 lp/mm.	M
4.	Vertical Detector Stand	
a.	The unit should be provided with vertical stand.	M
b.	The unit should have provision to do all upright X-Rays.	M
c.	The vertical Detector should travel from at least 1.5 feet to 5 feet above floor level.	M
d.	Bucky tilting should be -16 to + 90 degree or wider	M
5.	Work Station	
a.	The operating console should have LCD/TFT monitor.	M
b.	Storage disc capacity should be 500 GB or more.	M
c.	The system should have built in DICOM interface ready.	M
6.	Table	
a.	Fixed type table with fixed type detector	M
7.	Accessories	
a.	Should provide with Dry Imager camera with DPI 500 or more. The Camera should print at least standard film sizes. The camera	M

	should have 2 online trays.	
b.	Should provide with 3 no. of Lead Apron (Light weight user friendly)	M
c.	One Separate additional work station to be provided	M
d.	UPS from reputed manufacturer of at least 30 minutes back up for the console only and a Servo Stabilizer of appropriate KVA for the whole system.	M
e.	The equipment should be new and unused. The manufacturing date should not be more than 180 days when it would reach the consignee address.	M
f.	Gonadal shield for boys and girls of all age group one set.	M
g.	Stand for LEAD apron and Gonadal shield.	M
8.	Standard & Safety : Should be of US FDA / CE ("Conformité Européene") & AERB type approval	M
9.	Warranty & CMC	
a.	Warranty and CMC includes (i) everything in specification of the equipment including Air conditioning, UPS, Servo Stabilizer and all other accessories (ii) all accessories and ancillaries in site preparation including interiors.	M
b.	All the items should be under warranty for 1 year followed by 7 years CMC. The Prices of CMC shall be considered for the evaluation. The service & spares will be available for another 3 years after the completion of 1 year warranty & 7 years CMC.	M
c.	Warranty and CMC will also include X-Ray tube which will have to be replaced by a new, fresh and functioning one in case of tube fault, if any, during period of contract.	M

As under

Mandatory (M) items of Technical Specifications for Digital Radiography System (Ceiling Suspended)

Sl No.	Item	Mandatory (M) / Desirable (D)
1	Generator	
a.	The Generator should be of high frequency of capacity of 50 KW or above.	M
b.	KVP range should be 40 KV- 120 KV or more.	M
c.	The output at 100 KV should be 500 mA or more.	M
d.	Should have display of KVP & mAs.	M
e.	Anatomical Radiography Programming should be possible.	M
f.	Indication for Exposure timing should be there with automatic exposure control facility	M
2.	X-Ray Tube and Collimator	
a.	The X-Ray Tube should be of rotating anode with dual focus having the following sizes: (i) Large focus: 1.2 mm or less (ii) Small focus: 0.6 mm or less	M
b.	The unit should have Anode Heat Storage capacity of 300 KHU or more.	M
c.	Distance measuring scale should be provided.	M
d.	Tube rotation on vertical axis should be +/- 90 degree at least.	M
e.	Tube Angulations around horizontal axis should be at least + 90 degree.	M
f.	Should have multi-leaf collimator having bright light source auto shut provision for the light along with automatic image shuttering and cropping facility.	M

3.	Digital Detector [Flat panel Caesium Iodide (CsI)] - 2 (Two) nos. of fixed type detectors.	M
a.	One detector should be fixed with horizontal table and another detector will be fixed with vertical bucky stand.	M
b.	The active image size of the detector should be at least 35 cm x 41 cm or more.	M
c.	The spatial resolution should be minimum of 2.5 lines pair/mm.	M
d.	The pixel size should be 200 micrometers or less.	M
e.	The detector should be capable of fixing in vertical Bucky stand.	M
f.	Detective Quantum Efficiency (DQE) should be 65 % or above at 0 lp/mm.	M
4.	Vertical Detector Stand	
a.	The unit should be provided with vertical stand.	M
b.	The unit should have provision to do all upright X-Rays.	M
c.	The vertical Detector should travel from at least 1.5 feet to 5 feet above floor level.	M
d.	Bucky tilting should be -16 to + 90 degree or more	M
5.	Work Station/Operating Console	
a.	The operating console should have high resolution (minimum of 2 Mega pixel) medical grade LED monitor of size minimum of 22".	M
b.	Should have minimum of 1 TB Storage disc capacity, 4 GB RAM and 4 USB port.	M
c.	The system should have built in DICOM interface ready.	M
6.	Table	
a.	Fixed type table with fixed type detector	M
7.	Accessories	
a.	Should provide with Dry Imager camera with DPI 500 or more. The Camera should print at least standard film sizes. The camera should have 2 online trays.	M
b.	Should provide with 3 no. of Lead Apron (Light weight user friendly)	M
c.	One Separate additional work station to be provided with	M

	high resolution (minimum of 2 Mega Pixel) medical grade LED monitor of size minimum of 22". Disk storage capacity should be 1 TB or more.	
d.	UPS from reputed manufacturer of at least 30 minutes back up for the console only and a Servo Stabilizer of appropriate KVA for the whole system.	M
e.	The equipment should be new and unused. The manufacturing date should not be more than 180 days when it would reach the consignee address.	M
f.	Gonadal shield for boys and girls of all age group one set.	M
g.	Stand for LEAD apron and Gonadal shield.	M
8.	Standard & Safety : Should have CE ("Conformité Européene") & AERB type approval	M
9.	Warranty & CMC	
a.	Warranty and CMC includes (i) everything in specification of the equipment including Air conditioning, UPS, Servo Stabilizer and all other accessories (ii) all accessories and ancillaries in site preparation including interiors.	M
b.	All the items should be under warranty for 1 year followed by 7 years CMC. The Prices of CMC shall be considered for the evaluation. The service & spares will be available for another 3 years after the completion of 1 year warranty & 7 years CMC.	M
c.	Warranty and CMC will also include X-Ray tube which will have to be replaced by a new, fresh and functioning one in case of tube fault, if any, during period of contract.	M

Amendment - III

Replace the following in (B) Technical Evaluation (marked in Red)

(In Page: 19)

(ii) Spec Indicator

(a) Onsite physical inspection of the equipment at facilities where installed and not ex- factory.

Technical specifications of the equipment consists of Mandatory (M) and Desirable (D) items. The functional demonstration (i.e. onsite physical inspection) of the equipment is purely at the discretion of the Technical Bid Evaluation Committee and its input on the Mandatory items shall be treated as only corroborative in nature and will not be a substitute for technical evaluation of the document submitted along with the bid. The decision of the Technical Committee in this regard will be final. However, the desirable criteria will be considered and evaluated on a scale of 100.

(b) Desirables (D) of the Technical Specifications of Digital Radiography

Details of Desirable (D) items of the Technical Specifications of Digital Radiography with maximum marks and weightage allotted is given in Section – IV, Schedule of Requirements

A bidder will be considered technically qualified if,

1. Secure 50 in Non Spec indicators; and
2. Comply with all mandatory items of the technical specifications; and
3. Secure 80 in Desirables (D) of the technical specifications (

As Under

(ii) Spec Indicator

Technical specifications of the equipment consist of Mandatory (M) and Desirable (D) items. Corroboration of Mandatory (M) items and evaluation of the Desirables (D) will be undertaken based on the report of onsite physical inspection of the equipments at facilities where installed and not ex- factory. However, onsite physical inspection will be conducted only in respect of the equipments of the bidders who have succeeded in A (i), A (ii) and B (i) of Tender Evaluation.

The functional demonstration (i.e. onsite physical inspection) of the equipment is purely at the discretion of the Technical Bid Evaluation Committee and its input on the Mandatory items shall be treated as only corroborative in nature and will not be a substitute for technical evaluation of the document submitted along with the bid. The decision of the Technical Committee in this regard will be final. However, the desirable criteria will be considered and evaluated on a scale of 100. Details of Desirable (D) items of the Technical Specifications of Digital Radiography with maximum marks and weightage allotted is given in Section – IV, Schedule of Requirements

A bidder will be considered technically qualified if,

1. Secure 50 in Non Spec indicators; and
2. Comply with all mandatory items of the technical specifications; and
3. Secure 60 in Desirables (D) of the technical specifications

Amendment - IV

Replace the following

(marked in Red)

(In Page: 3)

4. Annual Turnover requirements: (E)

Digital radiography (DR)
The Tenderers should have annual sales turnover of minimum Rs. 60 Crore on an average of last three financial years (2010-11, 2011-12, 2012-13) as per the Audited Accounts of the Organization.

As under

4. Annual Turnover requirements: (E)

Digital radiography (DR)
The Tenderers should have annual sales turnover (i.e. total turnover of the company) of minimum Rs. 60 Crore on an average of last three financial years (2010-11, 2011-12, 2012-13) as per the Audited Accounts of the Organization.

Amendment - V

Replace the following

(marked in Red)

(In Page: 6)

10. Experience and Technical Capacity (E)

Digital radiography (DR)
The manufacturer whose product is offered or a product of higher wattage by the Tenderer must have commissioned at least 3 (three) Digital Radiography machines (50 KW or of higher wattage output) which are functioning satisfactorily as on the date (s) of physical inspection.
The offered equipment must be from manufacturing unit having the ISO quality certification. The certificate must be valid and established by an internationally recognised inspection company.
Tenderers shall invariably furnish documentary evidence / Client's certificate of at least 3 (three) users of the quoted model or a model of higher wattage in support of the satisfactory operation. At least 1 (one) client / user should be in India.
Confirmation from manufacturer of the offered equipment that all the facilities exist in his factory for inspection and testing and these will be made available to WBMSCL or his representative, if inspection is considered necessary.

As Under

10. Experience and Technical Capacity (E)

Digital radiography (DR)
The manufacturer whose product is offered by the Tenderer must have commissioned at least 3 (three) Digital Radiography machines (50 KW or of higher wattage output) which are functioning satisfactorily as on the date (s) of physical inspection.
The offered equipment must be from manufacturing unit having the ISO quality certification. The certificate must be valid and established by an internationally recognised inspection company.
Tenderers shall invariably furnish documentary evidence / Client's certificate of at least 3 (three) users of the quoted model or a model of higher wattage in support of the satisfactory operation. At least 1 (one) client / user of the quoted model should be in India.
Confirmation from manufacturer of the offered equipment that all the facilities exist in his factory for inspection and testing and these will be made available to WBMSCL or his representative, if inspection is considered necessary.

Amendment - VI

Replace the following in Form 1: Check-List (marked in Red) (In Page: 50-54)

[Please fill in and include with your Bid]

Note 1: It is essential that all documents in hard copy are to be placed before the Committee and arranged in the same sequence as given in the Check List. All the documents should be appropriately flagged.

Note 2: If any document is written in any language other than English, an English translation of the document duly authenticated is to be submitted.

Note 3: All the documents mentioned below are essential for qualifying in the technical evaluation.

Note 4: After opening of the technical bids, if it is found that any of the documents required to be submitted with the bids is wanting, WBMSCL shall reserve the right to allow late submission of such document at its discretion within a specified time limit.

Non statutory documents to be submitted under <u>My Space</u>				
Sl. No.	Activity	Yes/No/NA	Page No in the Bid	Remark
1	PAN Card			
2	Service Tax Registration Certificate			
3	VAT Registration Certificate			
4	CST Registration Certificate			
5	Import Licence			
6	AERB Certificate			
7	License from Government/ Statutory Authority as applicable.			
8	Registration with the Registrar Of Companies			
9	Manufacturing Licence (National / International) (In case, manufacturing licence is not required / applicable for production of the quoted item, notarized declaration from the manufacturer is to be submitted)			
10	Performance Statement Form (For the period of last three calender years ending December 2013) - Form 6 of Section V			

11	ISO certificate of the manufacturing factory			
12	Income Tax returns for 2010-11, 2011-12 & 2012-13.			
13	Service Tax returns for 2011-12			
14	Acknowledgement of VAT Returns for 2012-2013 /VAT Clearance Certificate.			
15	Acknowledgement of CST Returns for 2012-2013 /CST Clearance Certificate.			
16	Legal declaration affirmed before a First Class Magistrate / Notary on non judicial stamp paper of Rs. 100/- for, Acceptance of Terms and Conditions of NIT and its Amendments and Addendums thereto. (As per Form 9 of Section V). <i>Note: Technical evaluation of the bid will be taken up only after scrutiny of Form 9 (NIT Acceptance Form) duly notarized.</i>			
17	Legal declaration affirmed before a First Class Magistrate / Notary on non judicial stamp paper of Rs. 100/- as per Form - 7.			
18	Manufacturer's Authorization (If applicable) as per Form no. 5 of Section V			
19	List of all facilities where the quoted equipment has been commissioned (Self Declaration)			
20	P/L & Balance sheet 2010-2011			
21	P/L & Balance sheet 2011-2012			
BID - A				
Sl. No.	Activity	Yes/No /NA	Page No in the Bid	Remark
22	Tender Fees in the form of Demand Draft (DD)			
23	Earnest Money Deposit (EMD)/ Bid Security in the form of Demand Draft (DD)			

BID - B				
Sl. No.	Activity	Yes/No/NA	Page No in the Bid	Remark
24	Model of the equipment offered for (Self Declaration)			
25	Comparative Data Table of the Technical Specifications (Form No. 3 of Section V)			
26	2 sets of Brochure of the offered product / model.			
27	CE ("Conformité Européene") Certificate of the offered model, as applicable CE ("Conformité Européene") Certificate should be from EU Notified Bodies authorized to conduct audits.			
28	US FDA approval Certificate of the offered model, as applicable			
29	Pre-requisites of installation [Power (KVA, Phase, Hz), Civil and any other requirement, if any]			
30	Average Annual Turnover of the Company in medical equipment division during the last 3 Financial Years 2010-11, 2011-12 & 2012-13 (Rs in Crore) - to be certified by practicing Chatered Accountant			
31	Average Annual sale of Digital radiography 50 KW or of higher wattage in India of the Company during the last 3 Financial Years 2010-11, 2011-12 & 2012-13 - to be certified by practicing Chatered Accountant			
32	Service personnel of the Company maintaining medical equipments within the country in company pay roll – to be certified by practicing Chatered Accountant.			
33	Satisfactory Performance Certificate from at least 3 (three) users of the quoted model or a model of higher wattage in support of the satisfactory operation. At least 1 (one) client / user should be in India.			
34	Self declaration by the Tenderer for agreeing that WBMSCL will do quality check by Third Party			

	Agency, if required			
35	Confirmation from manufacturer of the offered equipment that all the facilities exist in his factory for inspection and testing and these will be made available to WBMSCL or his representative, if inspection is considered necessary.			

As under

[Please fill in and include with your Bid]

Note 1: It is essential that all documents in hard copy are to be placed before the Committee and arranged in the same sequence as given in the Check List. All the documents should be appropriately flagged.

Note 2: If any document is written in any language other than English, an English translation of the document duly authenticated is to be submitted.

Note 3: All the documents mentioned below are essential for qualifying in the technical evaluation.

Note 4: After opening of the technical bids, if it is found that any of the documents required to be submitted with the bids is wanting, WBMSCL shall reserve the right to allow late submission of such document at its discretion within a specified time limit.

Non statutory documents to be submitted under My Document				
Sl. No.	Activity	Yes/No/NA	Page No in the Bid	Remark
1	PAN Card			
2	Service Tax Registration Certificate			
3	VAT Registration Certificate			
4	CST Registration Certificate			
5	Import Licence			
6	AERB Certificate			
7	License from Government/ Statutory Authority as applicable.			
8	Registration with the Registrar Of Companies			
9	Manufacturing Licence (National / International) (In case, manufacturing licence is not required / applicable for production of the quoted item, notarized declaration from the manufacturer is to be submitted)			
10	Performance Statement Form (For the period of last three calender years ending December 2013) - Form 6 of Section V			

11	ISO certificate of the manufacturing factory			
12	Income Tax returns for 2010-11, 2011-12 & 2012-13.			
13	Service Tax returns for 2011-12			
14	Acknowledgement of VAT Returns for 2012-2013 /VAT Clearance Certificate.			
15	Acknowledgement of CST Returns for 2012-2013 /CST Clearance Certificate.			
16	Legal declaration affirmed before a First Class Magistrate / Notary on non judicial stamp paper of Rs. 100/- for, Acceptance of Terms and Conditions of NIT and its Amendments and Addendums thereto. (As per Form 9 of Section V). <i>Note: Technical evaluation of the bid will be taken up only after scrutiny of Form 9 (NIT Acceptance Form) duly notarized.</i>			
17	Legal declaration affirmed before a First Class Magistrate / Notary on non judicial stamp paper of Rs. 100/- as per Form - 7.			
18	Manufacturer's Authorization (If applicable) as per Form no. 5 of Section V			
19	List of all facilities where the quoted equipment has been commissioned (Self Declaration)			
20	P/L & Balance sheet 2010-2011			
21	P/L & Balance sheet 2011-2012			
BID - A				
Sl. No.	Activity	Yes/No /NA	Page No in the Bid	Remark
22	Tender Fees in the form of Demand Draft (DD)			
23	Earnest Money Deposit (EMD)/ Bid Security in the form of Demand Draft (DD)			

24	Declaration of the bidder on letter head that "We agree to submit a copy of the Tender Documents and its Amendments and Addendums thereto duly initialed by us in all pages with our seal/ rubber stamp affixed thereto, in token of acceptance thereof."			
BID - B				
Sl. No.	Activity	Yes/No/NA	Page No in the Bid	Remark
25	Model of the equipment offered for (Self Declaration) with Technical Data Sheet			
26	Comparative Data Table of the Technical Specifications (Form No. 3 of Section V)			
27	2 sets of Brochure of the offered product / model.			
28	CE ("Conformité Européene") Certificate of the offered model, as applicable CE ("Conformité Européene") Certificate should be from EU Notified Bodies authorized to conduct audits.			
29	US FDA approval Certificate of the offered model, as applicable			
30	Pre-requisites of installation [Power (KVA, Phase, Hz), Civil and any other requirement, if any]			
31	Average Annual Turnover of the Company in medical equipment division during the last 3 Financial Years 2010-11, 2011-12 & 2012-13 (Rs in Crore) - to be certified by practicing Chatered Accountant			
32	Average Annual sale of Digital radiography 50 KW or of higher wattage in India of the Company during the last 3 Financial Years 2010-11, 2011-12 & 2012-13 - to be certified by practicing Chatered Accountant			
33	Service personnel of the Company maintaining medical equipments within the country in company pay roll – to be certified by practicing Chatered			

	Accountant.			
34	Satisfactory Performance Certificate from at least 3 (three) users of the quoted model or a model of higher wattage in support of the satisfactory operation. At least 1 (one) client / user of the quoted model should be in India.			
35	Self declaration by the Tenderer for agreeing that WBMSCL will do quality check by Third Party Agency, if required			
36	Confirmation from manufacturer of the offered equipment that all the facilities exist in his factory for inspection and testing and these will be made available to WBMSCL or his representative, if inspection is considered necessary.			

Amendment – VII

Replace the following

(marked in Red)

(In Page: 16)

iii) BID – C [Bill of Quantity (BOQ) and the Statement of Breakup of Duties and Taxes]

Shall contain the financial bids with the (a) **Gross Price of Equipment**, (b) **Cost of site preparation including interiors etc and** (c) **Comprehensive Maintenance Contract (CMC) charges** per accounting unit. The Tenderer should upload another Statement (**Form 8 of Sec V**) stating the breakup for Duties and Taxes in addition.

- (a) **Gross Price of Equipment (GP):** includes value of goods, accessories & ancillaries, Delivered Duty Paid (DDP) value [which includes Export-Customs declaration, Carriage to port of export, Unloading of truck in port of export, loading Charges in port of export, Carriage (Sea Freight/ Air Freight) to port of import, Unloading charges in port of import, Loading on truck in port of import, Carriage to place of destination, Import custom clearance, import taxes & insurance], VAT & Entry Tax
- (b) **Cost of site preparation including interiors, Taxes etc. if any for this item**
- (c) **Comprehensive Maintenance Contract (CMC) charges:** include CMC charges of (i) the equipment (including all accessories and ancillaries as given in the specification of the particular equipment) (ii) all the accessories and ancillaries required for the site preparation and interiors (if included for this item) excluding taxes and duties. The rates to be quoted year wise. The annual CMC charges shall be paid quarterly in four equal installments.
- (d) **Cost of Film of Qty. 1,20,000 of size 12" X 10" excluding taxes and duties.**

As under

iii) BID – C [Bill of Quantity (BOQ) and the Statement of Breakup of Duties and Taxes]

BOQ shall contain the financial quotes in respect of (a) **Gross Price of Equipment**, (b) **Cost of site preparation including interiors etc**, (c) **Comprehensive Maintenance Contract (CMC) charges** and (d) **Cost of film.**

The Tenderer should upload in addition Statements (as per **Form 8 of Sec V**) stating the breakup for Duties and Taxes for the above.

- (a) **Gross Price of Equipment (GP):** includes value of goods, accessories & ancillaries, Delivered Duty Paid (DDP) value [which includes Export-Customs declaration, Carriage to port of export, Unloading of truck in port of export, loading Charges in port of export, Carriage (Sea Freight/ Air Freight) to port of import, Unloading charges in port of import, Loading on truck in port of import, Carriage to place of destination, Import custom clearance, import taxes & insurance], VAT & Entry Tax
- (b) **Cost of site preparation including interiors etc.:** includes cost of site preparation including interiors, applicable Taxes and Duties, if any.
- (c) **Comprehensive Maintenance Contract (CMC) charges** (excluding taxes and charges): include CMC charges of
 - (i) the equipment (including all accessories and ancillaries as given in the specification of the particular equipment)
 - (ii) all the accessories and ancillaries required for the site preparation and interiors.

The rates are to be quoted year wise. The annual CMC charges shall be paid quarterly in four equal instalments.

(d) Cost of Film: Sum total of

(i) Cost of film including taxes and duties of Qty. 1, 00,000 nos. of size 12" X 10"

(ii) Cost of film including taxes and duties of Qty. 20,000 nos. of size 10" X 8"

Important Note: The documents which are to be uploaded for technical evaluation in My Document, Bid-A and Bid-B will be as per the list given in the amended checklist of this publication.