

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



مَدْرَسَةُ
الْحَرَمِ

مَدْرَسَةُ الْحَرَمِ فِي إربد: رَجَبُ السَّنَةِ الثَّوَالِثَةِ عَشْرَةِ مِائَةِ ثَمَانِينَ وَسِتِّينَ وَفِي الثَّوَالِثَةِ عَشْرَةِ مِائَةِ ثَمَانِينَ وَسِتِّينَ
مَدْرَسَةُ الْحَرَمِ فِي إربد: 22PU-2022-G-08
إِبْدَائِيَّةٌ مَدْرَسَةٌ فِي إربد: (IUL)22-PU/22/2022/114

10 رَجَبُ السَّنَةِ الثَّوَالِثَةِ عَشْرَةِ مِائَةِ ثَمَانِينَ وَسِتِّينَ 2022

مَدْرَسَةُ الْحَرَمِ فِي إربد: رَجَبُ السَّنَةِ الثَّوَالِثَةِ عَشْرَةِ مِائَةِ ثَمَانِينَ وَسِتِّينَ
إِبْدَائِيَّةٌ مَدْرَسَةٌ فِي إربد: رَجَبُ السَّنَةِ الثَّوَالِثَةِ عَشْرَةِ مِائَةِ ثَمَانِينَ وَسِتِّينَ

هونر ٲٲو كوسٲ: ءسرسوٲ ٲٲو ارٲٲو ارٲٲو سوسر / ءوسٲٲٲٲٲ 9 ءوسر ءوسٲٲٲٲو / ءوسٲٲٲٲو 03 كوسٲٲٲٲ: 21 ارٲٲو 2022 ٲٲوٲٲو: ءوسٲٲٲٲو كٲٲ: 11:00	20.1
هونر ٲٲو ءوسر ءوسٲٲٲٲو ءوسٲٲٲٲو 6 كٲٲ ارٲٲوٲٲٲو.	24.1
هونر ٲٲو ارٲٲو كٲٲ ارٲٲو ارٲٲو ارٲٲو: -/12,000 (هونر ٲٲو) ءوسٲٲٲٲو	28.1
هونر ٲٲو ارٲٲو كٲٲ ارٲٲو ءوسٲٲٲٲو 30 (هونر ٲٲو) ءوسٲٲٲٲو.	28.2
ٲٲوٲٲوٲٲو كٲٲ ارٲٲو ارٲٲو ارٲٲو: 2% (هونر ٲٲو ءوسٲٲٲٲو ءوسٲٲٲٲو)	30.1
هونر ٲٲو ارٲٲو ارٲٲو ارٲٲو: رٲٲٲٲٲٲو / ٲٲوٲٲٲٲو	36.1

7.1.1 መግቢያ (ሰነድ-1)

7.1.2 መግቢያ ለተገኘው የግብርና ስራ (ሰነድ-2)

7.1.3 ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-3)

7.1.4 ለግብርና ስራ (ሰነድ-4)

7.1.5 ለግብርና ስራ (ሰነድ-5)

7.1.6 ለግብርና ስራ (ሰነድ-6)

7.1.7 ለግብርና ስራ (ሰነድ-7)

8.1 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-1) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-2)

8.2 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-3) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-4)

8.3 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-5) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-6) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-7)

9.1 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-1) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-2)

9.2 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-3) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-4) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-5)

9.3 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-6) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-7) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-8)

10.1 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-9) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-10) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-11)

10.2 መግቢያ ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-12) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-13) ለግብርና ስራ ለተገኘው የግብርና ስራ (ሰነድ-14)

(ሰ) መግቢያ ለግብርና ስራ

- 21.1. 21. 21.1. 21.2. 22.1. 22.1.1. 22.1.2. 22.1.3. 23.1. 24.1. 25.1. 26.1. 27.1.

- 27.2 27.1 ን ደብዳቤ ለማስፈረስ ማድረግ ይገባል። ለደብዳቤ ለማስፈረስ ማድረግ ይገባል።
- 27.3 ለደብዳቤ ለማስፈረስ ማድረግ ይገባል። ለደብዳቤ ለማስፈረስ ማድረግ ይገባል።

(ሀ) ስራዎችን ለማስፈረስ ማድረግ

- 28.1 28.1 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 28.2 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 28.3 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 28.4 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 28.5 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።

- 29.1 29.1 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 29.2 29.2 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 29.3 29.3 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።
- 29.4 29.4 ስራዎችን ለማስፈረስ ማድረግ ይገባል። ስራዎችን ለማስፈረስ ማድረግ ይገባል።

ጠቅላይ ልምድ 9 ነው ይህም ግልጽ ነው።

29.5 ለደብዳቤው ለመሰጠት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል። ለደብዳቤው ለመሰጠት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

30. የገንዘብ ለውጥ ደንብ

30.1 የገንዘብ ለውጥ ደንብ 500,000/- ለማግኘት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

30.2 የገንዘብ ለውጥ ደንብ 500,000/- ለማግኘት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

30.3 የገንዘብ ለውጥ ደንብ 500,000/- ለማግኘት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

31. ደንብ ለውጥ ደንብ

31.1 የገንዘብ ለውጥ ደንብ 17.09 ለማግኘት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

31.2 የገንዘብ ለውጥ ደንብ 17.09 ለማግኘት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

31.3 የገንዘብ ለውጥ ደንብ 17.09 ለማግኘት የሚያስፈልገው የገንዘብ መጠን 15% (የገንዘብ ለውጥ) ለማግኘት ይገባል።

ደንበኞች ለመገንባት ያስፈልጋቸዋል። ደንበኞች ለመገንባት ያስፈልጋቸዋል። ደንበኞች ለመገንባት ያስፈልጋቸዋል።

31.4. ጥቅምት 2022 ዓ.ም. ለደንበኞች ለመገንባት ያስፈልጋቸዋል። ደንበኞች ለመገንባት ያስፈልጋቸዋል።

32. ደንበኞች ለመገንባት ያስፈልጋቸዋል። ደንበኞች ለመገንባት ያስፈልጋቸዋል። ደንበኞች ለመገንባት ያስፈልጋቸዋል።

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33.1 "...

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33.5 "...

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35.2 35.1 ...

36.1 ...

36. ...

36.2 ...

התכנתה ונספחה לחוק הממשל החדש.

39.2. האות המהותי של הממשל החדש ימונח על ידי ועדת הממשל החדש 3 דקות מוקדמת.

התכנתה ונספחה לחוק הממשל החדש, הוסיפה ונספחה לחוק הממשל החדש, הוסיפה ונספחה לחוק הממשל החדש. הוסיפה ונספחה לחוק הממשל החדש, הוסיפה ונספחה לחוק הממשל החדש. הוסיפה ונספחה לחוק הממשל החדש, הוסיפה ונספחה לחוק הממשל החדש.

40.1. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

40. ארבעה חברים נוספים

דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

41.1. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

41. ארבעה חברים נוספים

דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

42.1. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

42. ארבעה חברים נוספים

דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

43.1. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

43. ארבעה חברים נוספים

דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

44.1. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

44. ארבעה חברים נוספים

דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

44.2. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש. דאגות החדשיות הנוגעות לממשל החדש יוספדו לפרק הממשל החדש.

سنة ٤ -

سنة ١ -

سنة ١ -

#	تاريخ	موضوع
سنة ١ -		
1		سنة ١ -
2		سنة ١ -
3		سنة ١ -
4		سنة ١ -
5		سنة ١ -
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7		سنة ١ -
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12		سنة ١ -
13		سنة ١ -
سنة ١ -		
14		سنة ١ -
15		سنة ١ -
16		سنة ١ -
17		سنة ١ -
سنة ١ -		
18		سنة ١ -
19		سنة ١ -

3 - جدول المحتويات

محتويات الكتاب

1. مقدمة الكتاب		
1.1	مقدمة	
1.2	مقدمة من المؤلفين	
1.3	مقدمة من الناشر	
1.4	مقدمة من المترجم	
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1.8	مقدمة من اللجنة الإعلامية	
2. مقدمة المؤلفين (المؤلفون) والمترجمين (المترجمون) والناشر (الناشر)		
#	الترجمة	الكتاب
	المترجم	الكتاب
	المترجم	الكتاب
	المترجم	الكتاب
	المترجم	الكتاب
3. مقدمة الناشر		

۶ - ترميز

سورتي ۱۰ آبروري ۲۰۲۲ ترميز ۱۰ آبروري ۲۰۲۲ ترميز ۱۰ آبروري ۲۰۲۲

ترميز ۱۰ آبروري ۲۰۲۲	ترميز ۱۰ آبروري ۲۰۲۲	ترميز ۱۰ آبروري ۲۰۲۲
70	70 × آبروري ۱۰ آبروري ۲۰۲۲ / آبروري ۱۰ آبروري ۲۰۲۲	آبروري ۱۰ آبروري ۲۰۲۲
10	10 × آبروري ۱۰ آبروري ۲۰۲۲ / آبروري ۱۰ آبروري ۲۰۲۲	آبروري ۱۰ آبروري ۲۰۲۲
10	10 × آبروري ۱۰ آبروري ۲۰۲۲ / آبروري ۱۰ آبروري ۲۰۲۲	آبروري ۱۰ آبروري ۲۰۲۲
10	20 آبروري ۱۰ آبروري ۲۰۲۲ / آبروري ۱۰ آبروري ۲۰۲۲	آبروري ۱۰ آبروري ۲۰۲۲
100		آبروري ۱۰ آبروري ۲۰۲۲

Form of Bid Security (Bank Guarantee)

WHEREAS,[*name of Bidder*] (hereinafter called “the Bidder”) has submitted his Bid for the Tender no.....issued by the Ministry of Education onfor Supplying/Purchasing of[*name of Contract*] (hereinafter called “the Bid”).

KNOW ALL PEOPLE by these presents that We [*name of Bank*] of [*name of country*] having our registered office at (hereinafter called “the Bank”) are bound unto[*name of Purchaser*] (hereinafter called “the Purchaser”) in the sum of *..... for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of20.....

THE CONDITIONS of this obligation are:

- (1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
- or
- (2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
 - (c) does not accept the correction of the Bid Price pursuant to Clause 27,

* The Bidder should insert the amount of the Guarantee in words and figures denominated in Maldivian Rufiyaa. This figure should be the same as shown in Clause 16.1 of the Instructions to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser’s having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK

WITNESS SEAL

[signature, name, and address]

Form of Performance Bank Guarantee (Unconditional)

To:
[name & address of Purchaser]
.....
.....

WHEREAS [name and address of Supplier] (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. dated to execute [name of Contract and brief description of Works] (hereinafter called “the Contract”);

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Supplier such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Supplier, up to a total of *..... [amount of Guarantee] [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

*An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract, in Maldivian Rufiyaa.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Supplier shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

This Guarantee shall be valid until the date of issue of the Defects Correction Certificate.

SIGNATURE AND SEAL OF THE GUARANTOR

Name of Bank

Address

.....

.....

Date

Form of Bank Guarantee for Advance Payment

To:
[name & address of Purchaser]
.....
.....

[name of Contract]

Gentlemen:

In accordance with the provisions of the Conditions of Contract, of the above-mentioned Contract,
.....[name and address of Supplier] (hereinafter called "the Supplier") shall deposit with
..... [name of Purchaser] a Bank Guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of[amount of Guarantee]
.....[amount in words].

We, the
[Bank or Financial Institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to
..... [name of Purchaser] on his first demand without whatsoever right of objection on our part and without his first claim to the Supplier, in the amount not exceeding *.....
..... [amount of Guarantee].....
..... [amount in words].

We further agree that no change or addition to or other modification of the terms of the Contract or of Works to be performed there under or of any of the Contract documents which may be made between
.....[name of Purchaser] and the Supplier, shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

* An amount is to be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, in Maldivian Rufiyaa.

This Guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until
.....[name of Purchaser] receives full repayment of the same amount from the Supplier.

Yours truly,
SIGNATURE AND SEAL:
NAME & ADDRESS OF BANK/INSTITUTION

Sound System for Hall

QTY	Minimum Requirement	To be specified by Vendor
01	<p>APB 2U6M2S – Audio Mixer or Equivalent</p> <ul style="list-style-type: none"> - Input: 6 Channels of Burr-Brown Microphone Pre-Amplifiers and 2 stereo line input channels - Balanced Left, Right, Center and Aux XLR outputs and dual Sum mono outputs use THAT Corporation Out-Smarts balanced output devices. - Individual Solo and Channel On switches on each mono and stereo input channel. - Each input channel is assignable to Left-Right OR Center mix bus. - Mono input channels have High and Low Frequency EQ with variable (20Hz-200Hz) High Pass Filter. - Stereo input channels have High and Low Frequency EQ with fixed High-Pass Filter. - Individual Left, Right, Center and Aux Output Metering with LIMITER active LED indicators. - Mono input channel use Neutrik XLR/1/4" combo connectors and TRS insert and Direct Output connectors. - Stereo input use individual 1/4" balanced left and right input connectors, RCA Inputs and (Stereo Input Channel 1) USB Digital or (Stereo Input Channel 2) front panel stereo input 1/8" connector. - Rack Mountable - Accessory: Rack Mount Bracket 	
01	<p>TOA DA-1000F - Multichannel Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Input: CH 1-4: 20kΩ (balanced) / 10kΩ (unbalanced), XLR-F connector - Power Output: 4 Channels, 650 W per Channel - Rated Impedance: 8 Ω - Output: NL4 SPEAKON connector - Rack Mountable - Accessory: Rack Mount Bracket 	
02	<p>TOA HX-7B/HX - Compact Array Speaker with Wall Mounting Bracket or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 750 W - Rated Impedance: 8 Ω - Input Terminal: Speakon NL4MP × 2 and M4 screw terminal - Accessory: Speaker Wall Mounting Bracket 	
02	<p>TOA HB-150B - Subwoofer System or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 600 W - Impedance: 8 Ω - Speaker Component: 38 cm (15") cone-type 	
02	<p>Behringer B207MP3 - Active 150-Watt 6.5" Monitor Speaker System with Mp3 Player Black or Equivalent</p> <ul style="list-style-type: none"> - Active 150-Watt - 6.5" Monitor Speaker - High-performance MP3 player included to play audio files via USB stick - Ultra-low noise 4-channel mixer with 3-band EQ - Dedicated stereo input for keyboards, MP3, CD, etc. - XLR "through" connector with mic/line switch for linking more B207MP3s - Internal switch-mode power supply for noise-free audio, superior transient response and very low power consumption - Accessory: Wall Mount Bracket 	
01	<p>TOA A-2240 - Mixer Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power: 240 W - Frequency Response: 50 - 20,000 Hz (±3 dB) - Input: <ul style="list-style-type: none"> • MIC 1 - 3: -60 dB*, 600 Ω, balanced, phone jack • AUX 1 & 2: -20 dB*, 10 kΩ, unbalanced, RCA pin jack - Output <ul style="list-style-type: none"> • Speaker out: Balanced (floating) • High impedance: 42 Ω (100 V), 21 Ω (70 V) • Low impedance: 4 Ω (31 V) • Rec out: 0 dB*, 600 Ω, unbalanced, RCA pin jack - Phantom Power: DC +21 V (MIC 1) - Tone Control: <ul style="list-style-type: none"> • Bass: ±10 dB at 100 Hz • Treble: ±10 dB at 10 kHz - Muting: 	

	<ul style="list-style-type: none"> • MIC 1: Mutes other input signals by 0 - 30 dB attenuation - Rack Mountable - Accessory: Rack Mount Bracket 	
06	<p>TOA F-1300WT - Wide-dispersion Speaker or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 30 W (high impedance) - Rated Impedance: <ul style="list-style-type: none"> ▪ 8 Ω ▪ 100 V line: 330 Ω (30 W), 1 kΩ (10 W), 3.3 kΩ (3 W), 10 kΩ (1 W) ▪ 70 V line: 170 Ω (30 W), 330 Ω (15 W), 1 kΩ (5 W), 3.3 kΩ (1.5 W), 10 kΩ (0.5 W) - Directivity: <ul style="list-style-type: none"> ▪ Angle: Horizontal: 110° ▪ Vertical: 100° - Input Terminal: Push-in terminal - Accessory: Wall Mount Bracket 	
01	<p>JTS E-6/E-6TH - UHF PLL Single Channel Diversity Receiver with Handheld Transmitter and Active UHF Directional External (Long Range) Antenna or Equivalent</p> <p>JTS E-6</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960 MHz - Operation Distance: 80 meter or more - Audio Output Level: -12dB - Audio Output Impedance: 600Ω - Squelch: Pilot Tone & Noise Mute - Output Connector: 1 Balanced XLR socket / 1 Unbalanced Ø6.3mm phone jack - Rack Mountable - Accessory: Rack Mount Bracket <p>JTS E-6TH</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960MHz - RF Outputs: 10mW - Operation Distance: 80 meter or more - LED Display: Low Battery, Power On / Off - Controls: Power On / Off, Channel Selecting - Battery: UM3, AA 1.5V * 2 (Battery not included) 	
01	<p>Apart PCR 3000 R MKIII – Player or Equivalent</p> <ul style="list-style-type: none"> - FM Tuner - DAB Tuner / DAB + - CD - USB (Supports: 32 GB up to 9999 songs) - SD Card (Supports: 32 GB up to 9999 songs) <ul style="list-style-type: none"> • Supported file format: MP3, WMA - Bluetooth <ul style="list-style-type: none"> • Bluetooth frequency response: 20 Hz 20 kHz • Bluetooth THD: < 0.08 % @ 1 kHz full power • Supported Bluetooth profiles: A2DP, AVRCP and SPP - Unbalanced Outputs: 2 x RCA + COMBI RCA - Other/digital Outputs: 1 x optical + 1 x coaxial - Included IR Remote - Rack Mountable - Accessory: Rack Mount Bracket 	
01	<p>Equipment Rack</p>	
	<p>Wiring and Installation Power Cable, Power Sockets, Microphone Cable, 2.5mm Speaker Cable, Casing and Small Accessories</p>	

School Main PA Sound System

QTY	Minimum Requirement	To be specified by Vendor
01	<p>TOA VM-2240 - System Management Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power Output: 240 W - Output Voltage: 100 V line / 42 Ω - Tone Control: <ul style="list-style-type: none"> ▪ Bass: 100 Hz ±10 dB ▪ Inputs 1 - 3 and BGM individually adjustable. - Remote Microphone /Expansion Amplifier Connection: <ul style="list-style-type: none"> ▪ 2 RJ45 female connectors for connecting the RM-200M Remote Microphone and the VM-2240 unit used as an expansion amplifier. ▪ Maximum distance: 800 m (874.89 yd) in total ▪ Link cable: Category 5 Shielded ▪ Number of connectable RM-200M's: Up to 4 Twisted-Pair straight cable (TIA/EIA-568A standard) - Input: <ul style="list-style-type: none"> ▪ Inputs 1 - 3: XLR connector (female)/phone jack ▪ Telephone paging input: Push-in terminal block ▪ Voice sound: -10 dB balanced input with shield terminal ▪ Control: No-voltage make contact input ▪ Open voltage: 3.3 V DC ▪ Short-circuit current: under 1 mA ▪ BGM 1 - 2: -20 dB ▪ Power amplifier input: 0 dB ▪ External speaker line input: 100 V line (This input is selected when the "Unit's broadcast cutoff" control is activated.) - Output: <ul style="list-style-type: none"> ▪ Speaker output: <ul style="list-style-type: none"> • Plug-in screw connector • 5-zone selector with attenuator • All zones simultaneously selectable ▪ Direct speaker line output: Direct output from the power amplifier output transformer (attenuator bypassed) Plug-in screw connector ▪ Line output: 0 dB ▪ Recording output: 0 dB ▪ Preamplifier output: 0 dB - Rack Mountable - Accessory: Rack Mount Bracket 	
01	<p>TOA RM-200M - Remote Microphone or Equivalent</p> <ul style="list-style-type: none"> - Microphone: Unidirectional electret condenser microphone - No. of Function Keys: 13 - Emergency Broadcast: Activation of Emergency Broadcast (pre-recorded announcement or live microphone announcement) by Emergency Broadcast Switch - Volume Control: Microphone volume control - Connection Cable and Connector: Category 5 STP cable - Power Source: 24 V DC 	
01	<p>TOA A-2240 - Mixer Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power: 240 W - Frequency Response: 50 - 20,000 Hz (±3 dB) - Input: <ul style="list-style-type: none"> • MIC 1 - 3: -60 dB*, 600 Ω, balanced, phone jack • AUX 1 & 2: -20 dB*, 10 kΩ, unbalanced, RCA pin jack - Output: <ul style="list-style-type: none"> • Speaker out: Balanced (floating) • High impedance: 42 Ω (100 V), 21 Ω (70 V) • Low impedance: 4 Ω (31 V) • Rec out: 0 dB*, 600 Ω, unbalanced, RCA pin jack - Phantom Power: DC +21 V (MIC 1) - Tone Control: <ul style="list-style-type: none"> • Bass: ±10 dB at 100 Hz • Treble: ±10 dB at 10 kHz - Muting: <ul style="list-style-type: none"> • MIC 1: Mutes other input signals by 0 - 30 dB attenuation - Rack Mountable - Accessory: Rack Mount Bracket 	

25	<p>TOA BS-1034 - Wall Mount 2-way Speaker or Equivalent (for Corridor, 05 Speaker per Floor)</p> <ul style="list-style-type: none"> - Rated Input (Power): 10 W - Rated Impedance: 100 V line - Accessory: Wall Mount Bracket 	
40	<p>TOA BS-633AT - Wall Mount Speaker or Equivalent (for Classroom, Lab, AV Room, Sport Room, Hall)</p> <ul style="list-style-type: none"> - Rated Input (Power): 6 W - Rated Impedance: 100 V line - Operating Temperature: -10°C to +50°C (14° F to 122° F) - Accessory: Wall Mount Bracket 	
04	<p>TOA PJ-200 - Projection Speaker or Equivalent (for Football Ground)</p> <ul style="list-style-type: none"> - Rated Input (Power): 20 W - Rated Impedance: 100 V line - Preset Impedance: 500 Ω 	
01	<p>Apart PCR 3000 R MKIII – Player or Equivalent</p> <ul style="list-style-type: none"> - FM Tuner - DAB Tuner / DAB + - CD - USB (Supports: 32 GB up to 9999 songs) - SD Card (Supports: 32 GB up to 9999 songs) <ul style="list-style-type: none"> • Supported file format: MP3, WMA - Bluetooth <ul style="list-style-type: none"> • Bluetooth frequency response: 20 Hz 20 kHz • Bluetooth THD: < 0.08 % @ 1 kHz full power • Supported Bluetooth profiles: A2DP, AVRCP and SPP - Unbalanced outputs 2 x RCA + COMBI RCA - Other/digital outputs: 1 x optical + 1 x coaxial - Included IR remote - Rack Mountable - Accessory: Rack Mount Bracket 	
01	<p>JTS E-6/E-6TH - UHF PLL Single Channel Diversity Receiver with Handheld Transmitter and Active UHF Directional External (Long Range) Antenna or Equivalent</p> <p>JTS E-6</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960 MHz - Operation Distance: 80 meter or more - Audio Output Level: -12dB - Audio Output Impedance: 600Ω - Squelch: Pilot Tone & Noise Mute - Output Connector: 1 Balanced XLR socket / 1 Unbalanced Ø6.3mm phone jack - Rack Mountable - Accessory: Rack Mount Bracket <p>JTS E-6TH</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960MHz - RF Outputs: 10mW - Operation Distance: 80 meter or more - LED Display: Low Battery, Power On / Off - Controls: Power On / Off, Channel Selecting - Battery: UM3, AA 1.5V * 2 (Battery not included) 	
01	<p>Equipment Rack</p>	
	<p>Wiring and Installation Power Cable, Power Sockets, Microphone Cable, 2.5mm Speaker Cable, Casing and Small Accessories</p>	

Sound System for Football Ground

QTY	Minimum Requirement	To be specified by Vendor
01	<p>TOA DA-1250D - Dual-Channel Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power: 1100 W - Input: CH 1-2: 20kΩ (balanced) / 10kΩ (unbalanced), 0.775/1.0V/32dB*2, XLR-F connector - Output: <ul style="list-style-type: none"> o LINK CH 1-2: XLR-M connector o Speaker 1-2: NL4 SPEAKON connector <ul style="list-style-type: none"> ▪ 2 channels: 700 W x 2 ▪ 1 channel (BRIDGE): 2500 W x 1 - Rated Impedance: 8 Ω - Rack Mountable - Accessory: Rack Mount Bracket 	
02	<p>TOA HX-7B/HX - Compact Array Speakers with Wall Mounting Bracket or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 750 W - Rated Impedance: 8 Ω - Input Terminal: Speakon NL4MP x 2 and M4 screw terminal - Accessory: Speaker Wall Mounting Bracket 	
01	<p>JTS E-6/E-6TH - UHF PLL Single Channel Diversity Receiver with Handheld Transmitter and Active UHF Directional External (Long Range) Antenna or Equivalent</p> <p>JTS E-6</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960 MHz - Operation Distance: 80 meter or more - Audio Output Level: -12dB - Audio Output Impedance: 600Ω - Squelch: Pilot Tone & Noise Mute - Output Connector: 1 Balanced XLR socket / 1 Unbalanced Ø6.3mm phone jack - Rack Mountable - Accessory: Rack Mount Bracket <p>JTS E-6TH</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960MHz - RF Outputs: 10mW - Operation Distance: 80 meter or more - LED Display: Low Battery, Power On / Off - Controls: Power On / Off, Channel Selecting - Battery: UM3, AA 1.5V * 2 (Battery not included) 	
01	<p>Apart PCR 3000 R MKIII – Player or Equivalent</p> <ul style="list-style-type: none"> - FM Tuner - DAB Tuner / DAB + - CD - USB (Supports: 32 GB up to 9999 songs) - SD Card (Supports: 32 GB up to 9999 songs) <ul style="list-style-type: none"> • Supported file format: MP3, WMA - Bluetooth <ul style="list-style-type: none"> • Bluetooth frequency response: 20 Hz 20 kHz • Bluetooth THD: < 0.08 % @ 1 kHz full power • Supported Bluetooth profiles: A2DP, AVRCP and SPP - Unbalanced outputs 2 x RCA + COMBI RCA - Other/digital outputs: 1 x optical + 1 x coaxial - Included IR remote - Rack Mountable - Accessory: Rack Mount Bracket 	
01	<p>Equipment Rack</p>	
	<p>Wiring and Installation Power Cable, Power Sockets, Microphone Cable, 2.5mm Speaker Cable, Casing and Small Accessories</p>	

5 - ملحق

ملحق 5 - ملحق	
ملاحظات	رقم الملحق
ملحق 5 - ملحق	
ملحق 5 - ملحق	33.1
ملحق 5 - ملحق	33.2
ملحق 5 - ملحق	33.3
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١٠ ٢٠٢٢	١٠ ٢٠٢٢
١٠ ٢٠٢٢	١٠ ٢٠٢٢
١٠ ٢٠٢٢	١٠ ٢٠٢٢

Sound System for Hall

QTY	Minimum Requirement
01	<p>APB 2U6M2S – Audio Mixer or Equivalent</p> <ul style="list-style-type: none"> - Input: 6 Channels of Burr-Brown Microphone Pre-Amplifiers and 2 stereo line input channels - Balanced Left, Right, Center and Aux XLR outputs and dual Sum mono outputs use THAT Corporation Out-Smarts balanced output devices. - Individual Solo and Channel On switches on each mono and stereo input channel. - Each input channel is assignable to Left-Right OR Center mix bus. - Mono input channels have High and Low Frequency EQ with variable (20Hz-200Hz) High Pass Filter. - Stereo input channels have High and Low Frequency EQ with fixed High-Pass Filter. - Individual Left, Right, Center and Aux Output Metering with LIMITER active LED indicators. - Mono input channel use Neutrik XLR/1/4" combo connectors and TRS insert and Direct Output connectors. - Stereo input use individual 1/4" balanced left and right input connectors, RCA Inputs and (Stereo Input Channel 1) USB Digital or (Stereo Input Channel 2) front panel stereo input 1/8" connector. - Rack Mountable - Accessory: Rack Mount Bracket
01	<p>TOA DA-1000F - Multichannel Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Input: CH 1-4: 20kΩ (balanced) / 10kΩ (unbalanced), XLR-F connector - Power Output: 4 Channels, 650 W per Channel - Rated Impedance: 8 Ω - Output: NL4 SPEAKON connector - Rack Mountable - Accessory: Rack Mount Bracket
02	<p>TOA HX-7B/HX - Compact Array Speaker with Wall Mounting Bracket or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 750 W - Rated Impedance: 8 Ω - Input Terminal: Speakon NL4MP × 2 and M4 screw terminal - Accessory: Speaker Wall Mounting Bracket
02	<p>TOA HB-150B - Subwoofer System or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 600 W - Impedance: 8 Ω - Speaker Component: 38 cm (15") cone-type
02	<p>Behringer B207MP3 - Active 150-Watt 6.5" Monitor Speaker System with Mp3 Player Black or Equivalent</p> <ul style="list-style-type: none"> - Active 150-Watt - 6.5" Monitor Speaker - High-performance MP3 player included to play audio files via USB stick - Ultra-low noise 4-channel mixer with 3-band EQ - Dedicated stereo input for keyboards, MP3, CD, etc. - XLR "through" connector with mic/line switch for linking more B207MP3s - Internal switch-mode power supply for noise-free audio, superior transient response and very low power consumption - Accessory: Wall Mount Bracket
01	<p>TOA A-2240 - Mixer Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power: 240 W - Frequency Response: 50 - 20,000 Hz (±3 dB) - Input: <ul style="list-style-type: none"> • MIC 1 - 3: -60 dB*, 600 Ω, balanced, phone jack • AUX 1 & 2: -20 dB*, 10 kΩ, unbalanced, RCA pin jack - Output <ul style="list-style-type: none"> • Speaker out: Balanced (floating) • High impedance: 42 Ω (100 V), 21 Ω (70 V) • Low impedance: 4 Ω (31 V) • Rec out: 0 dB*, 600 Ω, unbalanced, RCA pin jack - Phantom Power: DC +21 V (MIC 1) - Tone Control: <ul style="list-style-type: none"> • Bass: ±10 dB at 100 Hz • Treble: ±10 dB at 10 kHz - Muting: <ul style="list-style-type: none"> • MIC 1: Mutes other input signals by 0 - 30 dB attenuation - Rack Mountable - Accessory: Rack Mount Bracket
06	<p>TOA F-1300WT - Wide-dispersion Speaker or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 30 W (high impedance) - Rated Impedance: <ul style="list-style-type: none"> ▪ 8 Ω ▪ 100 V line: 330 Ω (30 W), 1 kΩ (10 W), 3.3 kΩ (3 W), 10 kΩ (1 W) ▪ 70 V line: 170 Ω (30 W), 330 Ω (15 W), 1 kΩ (5 W), 3.3 kΩ (1.5 W), 10 kΩ (0.5 W) - Directivity:

	<ul style="list-style-type: none"> ▪ Angle: Horizontal: 110° ▪ Vertical: 100° - Input Terminal: Push-in terminal - Accessory: Wall Mount Bracket
01	<p>JTS E-6/E-6TH - UHF PLL Single Channel Diversity Receiver with Handheld Transmitter and Active UHF Directional External (Long Range) Antenna or Equivalent</p> <p>JTS E-6</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960 MHz - Operation Distance: 80 meter or more - Audio Output Level: -12dB - Audio Output Impedance: 600Ω - Squelch: Pilot Tone & Noise Mute - Output Connector: 1 Balanced XLR socket / 1 Unbalanced Ø6.3mm phone jack - Rack Mountable - Accessory: Rack Mount Bracket <p>JTS E-6TH</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960MHz - RF Outputs: 10mW - Operation Distance: 80 meter or more - LED Display: Low Battery, Power On / Off - Controls: Power On / Off, Channel Selecting - Battery: UM3, AA 1.5V * 2 (Battery not included)
01	<p>Apart PCR 3000 R MKIII – Player or Equivalent</p> <ul style="list-style-type: none"> - FM Tuner - DAB Tuner / DAB + - CD - USB (Supports: 32 GB up to 9999 songs) - SD Card (Supports: 32 GB up to 9999 songs) <ul style="list-style-type: none"> • Supported file format: MP3, WMA - Bluetooth <ul style="list-style-type: none"> • Bluetooth frequency response: 20 Hz 20 kHz • Bluetooth THD: < 0.08 % @ 1 kHz full power • Supported Bluetooth profiles: A2DP, AVRCP and SPP - Unbalanced Outputs: 2 x RCA + COMBI RCA - Other/digital Outputs: 1 x optical + 1 x coaxial - Included IR Remote - Rack Mountable - Accessory: Rack Mount Bracket
01	<p>Equipment Rack</p>
	<p>Wiring and Installation Power Cable, Power Sockets, Microphone Cable, 2.5mm Speaker Cable, Casing and Small Accessories</p>

School Main PA Sound System

QTY	Minimum Requirement
01	<p>TOA VM-2240 - System Management Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power Output: 240 W - Output Voltage: 100 V line / 42 Ω - Tone Control: <ul style="list-style-type: none"> ▪ Bass: 100 Hz ±10 dB ▪ Inputs 1 - 3 and BGM individually adjustable. - Remote Microphone /Expansion Amplifier Connection: <ul style="list-style-type: none"> ▪ 2 RJ45 female connectors for connecting the RM-200M Remote Microphone and the VM-2240 unit used as an expansion amplifier. ▪ Maximum distance: 800 m (874.89 yd) in total ▪ Link cable: Category 5 Shielded ▪ Number of connectable RM-200M's: Up to 4 Twisted-Pair straight cable (TIA/EIA-568A standard) - Input: <ul style="list-style-type: none"> ▪ Inputs 1 - 3: XLR connector (female)/phone jack ▪ Telephone paging input: Push-in terminal block ▪ Voice sound: -10 dB balanced input with shield terminal ▪ Control: No-voltage make contact input ▪ Open voltage: 3.3 V DC ▪ Short-circuit current: under 1 mA ▪ BGM 1 - 2: -20 dB ▪ Power amplifier input: 0 dB ▪ External speaker line input: 100 V line (This input is selected when the "Unit's broadcast cutoff" control is activated.) - Output: <ul style="list-style-type: none"> ▪ Speaker output: <ul style="list-style-type: none"> • Plug-in screw connector • 5-zone selector with attenuator • All zones simultaneously selectable ▪ Direct speaker line output: Direct output from the power amplifier output transformer (attenuator bypassed) Plug-in screw connector ▪ Line output: 0 dB ▪ Recording output: 0 dB ▪ Preamplifier output: 0 dB - Rack Mountable - Accessory: Rack Mount Bracket
01	<p>TOA RM-200M - Remote Microphone or Equivalent</p> <ul style="list-style-type: none"> - Microphone: Unidirectional electret condenser microphone - No. of Function Keys: 13 - Emergency Broadcast: Activation of Emergency Broadcast (pre-recorded announcement or live microphone announcement) by Emergency Broadcast Switch - Volume Control: Microphone volume control - Connection Cable and Connector: Category 5 STP cable - Power Source: 24 V DC
01	<p>TOA A-2240 - Mixer Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power: 240 W - Frequency Response: 50 - 20,000 Hz (±3 dB) - Input: <ul style="list-style-type: none"> • MIC 1 - 3: -60 dB*, 600 Ω, balanced, phone jack • AUX 1 & 2: -20 dB*, 10 kΩ, unbalanced, RCA pin jack - Output: <ul style="list-style-type: none"> • Speaker out: Balanced (floating) • High impedance: 42 Ω (100 V), 21 Ω (70 V) • Low impedance: 4 Ω (31 V) • Rec out: 0 dB*, 600 Ω, unbalanced, RCA pin jack - Phantom Power: DC +21 V (MIC 1) - Tone Control: <ul style="list-style-type: none"> • Bass: ±10 dB at 100 Hz • Treble: ±10 dB at 10 kHz - Muting: <ul style="list-style-type: none"> • MIC 1: Mutes other input signals by 0 - 30 dB attenuation - Rack Mountable - Accessory: Rack Mount Bracket
25	<p>TOA BS-1034 - Wall Mount 2-way Speaker or Equivalent (for Corridor, 05 Speaker per Floor)</p> <ul style="list-style-type: none"> - Rated Input (Power): 10 W - Rated Impedance: 100 V line - Accessory: Wall Mount Bracket
40	<p>TOA BS-633AT - Wall Mount Speaker or Equivalent (for Classroom, Lab, AV Room, Sport Room, Hall)</p> <ul style="list-style-type: none"> - Rated Input (Power): 6 W

	<ul style="list-style-type: none"> - Rated Impedance: 100 V line - Operating Temperature: -10°C to +50°C (14° F to 122° F) - Accessory: Wall Mount Bracket
04	<p>TOA PJ-200 - Projection Speaker or Equivalent (for Football Ground)</p> <ul style="list-style-type: none"> - Rated Input (Power): 20 W - Rated Impedance: 100 V line - Preset Impedance: 500 Ω
01	<p>Apart PCR 3000 R MKIII – Player or Equivalent</p> <ul style="list-style-type: none"> - FM Tuner - DAB Tuner / DAB + - CD - USB (Supports: 32 GB up to 9999 songs) - SD Card (Supports: 32 GB up to 9999 songs) <ul style="list-style-type: none"> • Supported file format: MP3, WMA - Bluetooth <ul style="list-style-type: none"> • Bluetooth frequency response: 20 Hz 20 kHz • Bluetooth THD: < 0.08 % @ 1 kHz full power • Supported Bluetooth profiles: A2DP, AVRCP and SPP - Unbalanced outputs 2 x RCA + COMBI RCA - Other/digital outputs: 1 x optical + 1 x coaxial - Included IR remote - Rack Mountable - Accessory: Rack Mount Bracket
01	<p>JTS E-6/E-6TH - UHF PLL Single Channel Diversity Receiver with Handheld Transmitter and Active UHF Directional External (Long Range) Antenna or Equivalent</p> <p>JTS E-6</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960 MHz - Operation Distance: 80 meter or more - Audio Output Level: -12dB - Audio Output Impedance: 600Ω - Squelch: Pilot Tone & Noise Mute - Output Connector: 1 Balanced XLR socket / 1 Unbalanced Ø6.3mm phone jack - Rack Mountable - Accessory: Rack Mount Bracket <p>JTS E-6TH</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960MHz - RF Outputs: 10mW - Operation Distance: 80 meter or more - LED Display: Low Battery, Power On / Off - Controls: Power On / Off, Channel Selecting - Battery: UM3, AA 1.5V * 2 (Battery not included)
01	Equipment Rack
	<p>Wiring and Installation Power Cable, Power Sockets, Microphone Cable, 2.5mm Speaker Cable, Casing and Small Accessories</p>

Sound System for Football Ground

QTY	Minimum Requirement
01	<p>TOA DA-1250D - Dual-Channel Power Amplifier or Equivalent</p> <ul style="list-style-type: none"> - Power: 1100 W - Input: CH 1-2: 20kΩ (balanced) / 10kΩ (unbalanced), 0.775/1.0V/32dB*2, XLR-F connector - Output: <ul style="list-style-type: none"> o LINK CH 1-2: XLR-M connector o Speaker 1-2: NL4 SPEAKON connector <ul style="list-style-type: none"> ▪ 2 channels: 700 W x 2 ▪ 1 channel (BRIDGE): 2500 W x 1 - Rated Impedance: 8 Ω - Rack Mountable - Accessory: Rack Mount Bracket
02	<p>TOA HX-7B/HX - Compact Array Speakers with Wall Mounting Bracket or Equivalent</p> <ul style="list-style-type: none"> - Rated Input (Power): 750 W - Rated Impedance: 8 Ω - Input Terminal: Speakon NL4MP x 2 and M4 screw terminal - Accessory: Speaker Wall Mounting Bracket
01	<p>JTS E-6/E-6TH - UHF PLL Single Channel Diversity Receiver with Handheld Transmitter and Active UHF Directional External (Long Range) Antenna or Equivalent</p> <p>JTS E-6</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960 MHz - Operation Distance: 80 meter or more - Audio Output Level: -12dB - Audio Output Impedance: 600Ω - Squelch: Pilot Tone & Noise Mute - Output Connector: 1 Balanced XLR socket / 1 Unbalanced Ø6.3mm phone jack - Rack Mountable - Accessory: Rack Mount Bracket <p>JTS E-6TH</p> <ul style="list-style-type: none"> - Frequency Preparation: PLL Synthesized Control - Channels: 16 selectable UHF channels - Carrier Frequency Range: 470~960MHz - RF Outputs: 10mW - Operation Distance: 80 meter or more - LED Display: Low Battery, Power On / Off - Controls: Power On / Off, Channel Selecting - Battery: UM3, AA 1.5V * 2 (Battery not included)
01	<p>Apart PCR 3000 R MKIII – Player or Equivalent</p> <ul style="list-style-type: none"> - FM Tuner - DAB Tuner / DAB + - CD - USB (Supports: 32 GB up to 9999 songs) - SD Card (Supports: 32 GB up to 9999 songs) <ul style="list-style-type: none"> • Supported file format: MP3, WMA - Bluetooth <ul style="list-style-type: none"> • Bluetooth frequency response: 20 Hz 20 kHz • Bluetooth THD: < 0.08 % @ 1 kHz full power • Supported Bluetooth profiles: A2DP, AVRCP and SPP - Unbalanced outputs 2 x RCA + COMBI RCA - Other/digital outputs: 1 x optical + 1 x coaxial - Included IR remote - Rack Mountable - Accessory: Rack Mount Bracket
01	<p>Equipment Rack</p>
	<p>Wiring and Installation Power Cable, Power Sockets, Microphone Cable, 2.5mm Speaker Cable, Casing and Small Accessories</p>